

# INFORMATION LETTER

Not for  
Publication

NATIONAL CANNERS ASSOCIATION

For Members  
Only

No. 772

Washington, D. C.

December 30, 1939

## CONVENTION PROGRAM PROVIDES FOR DISCUSSION OF DISTRIBUTION PROBLEMS

### Wide Range of Subjects Will Be Presented at Meetings and Conferences

The program for the thirty-third annual convention of the National Canners Association, to be held at the Stevens Hotel in Chicago the week of January 21, will provide for presentation and discussion of a wide range of subjects, including factors in production plans for 1940; international relations as they affect both foreign and domestic trade; marketing channels and merchandising methods; economic research; consumer and distributive trade education; food and drug regulations, including standards and labeling; legislation; technical canning problems; cannery waste disposal; and canning crops production. Most of these have a direct or indirect bearing on distribution, which will be the principal theme of the convention. Among the speakers will be:

Senator Walter F. George of Georgia, a member of the United States Senate since 1922, and for many years a member of the Committees on Foreign Affairs and on Finance. His interest in foreign affairs and his experience on these committees make him especially well qualified to discuss the international situation as it affects various aspects of American business.

Arthur C. Nielsen, head of the A. C. Nielsen Co., Chicago, which has pioneered in scientific and practical marketing research since 1923. The subject of his address is "New Developments in Food Merchandising." He will describe the system used by his organization to assemble and apply market information, and will use charts based on actual case studies to illustrate consumer response to the outbreak of war in September, the importance of price in the movement of typical grocery commodities, recent competitive trends as between advertised and private brands, importance of consumer preferences for quality products, and preliminary evidences of saturation in the consumer markets for certain grocery products.

Dr. Neil Carothers, dean of the School of Business Administration at Lehigh University, who is directing the economic survey of the canning industry authorized at the Association's annual convention last January. Dr. Carothers will report upon the progress of this survey and upon the information he has developed both through the questionnaire sent to the industry and through his contacts with canners.

James W. Young, who was appointed director of the Bureau of Foreign and Domestic Commerce last August, has had a lifetime of active business experience, including many years of advertising work. He served as president of the American Association of Advertising Agencies in 1927. A good deal of his advertising experience was in connection with foreign offices. Mr. Young also served as professor of Busi-

ness History and Advertising at the University of Chicago School of Business.

B. Frank Kyker, acting chief of the Business Education Service of the U. S. Office of Education, will discuss the distributive education program of the Service at the Home Economics Conference on Wednesday morning. Mr. Kyker has taught in the fields of business administration, marketing, and business education at several colleges and universities, and at the same time has served as sales adviser, executive, and consultant for a number of banking and industrial organizations.

Among the other speakers at the convention, who are already well known to canners, will be:

Judge J. Harry Covington, counsel for the Association since 1918, who will analyze problems of the industry and their significance to canners.

H. Thomas Austern, of Association counsel, the author of many of the reviews and analyses of new laws and regulations affecting the canning industry which have been published and distributed by the Association in recent years, who will speak on recently enacted and proposed Federal regulations.

(Continued on page 6071)

## PEACH STANDARDS PROMULGATED

### Regulations on Identity, Fill of Container, and Quality Go Into Effect March 22

Regulations establishing for canned peaches standards of identity, fill of container and quality, were promulgated by the Secretary of Agriculture on December 22 by publication in the *Federal Register*, and will go into effect March 22, 1940, the ninetieth day after publication.

In general, the standards for peaches promulgated by the Secretary follow the standards suggested by the presiding officer in his report to the Secretary, which were published in the *INFORMATION LETTERS* of September 9 and 23, 1939.

These promulgated regulations do differ from the suggested standards, however, with respect to declarations on the label of added sugar. The terms "light", "medium", "heavy", and "extra-heavy" are to be used on labels to designate the sirup (or syrup) concentrations of the packing medium. No distinction is made between beet and cane sugar. The use of corn sugar is permitted without declaration on the label, but the amount of corn sugar used must be greater to provide the same relative sweetness.

Particular attention is called to the label requirements of these regulations, for the exact words specified in the regulations must be used on labels of all canned peaches.

The regulation on the fill of container follows the suggested regulation of the presiding officer in that no "fill-in" weight or "drained" weight is included.

The text of the findings of fact on which the regulations are based are reprinted below, along with the standards in the form of regulations:

#### DEFINITION AND STANDARD OF IDENTITY

##### Findings of Fact

- 1.—Canned peaches are prepared from mature peaches.
- 2.—Such peaches are of one of the following varietal groups: yellow clingstone, yellow freestone, white clingstone, white freestone.
- 3.—Peaches of different varietal groups are not canned together.
- 4.—Peaches of each varietal group are an optional peach ingredient.
- 5.—The word "free" is used synonymously with the word "freestone" and the word "cling" is used synonymously with the word "clingstone" to designate the varietal group.
- 6.—Such peaches are prepared in one of the following forms of units: unpeeled whole; unpeeled halves; peeled whole; peeled halves; peeled quarters; peeled slices; peeled dice; peeled mixed pieces of irregular sizes and shapes. Such forms of units are never mixed in canning except when canned as mixed pieces of irregular sizes and shapes. Peaches of each form of units are an optional peach ingredient.
- 7.—Such peaches, except in the case of whole peaches, are pitted.
- 8.—Canned peaches contain a suitable liquid packing medium.
- 9.—Water is a suitable liquid packing medium.
- 10.—The natural juice of the peach is a suitable liquid packing medium. Such juice may be obtained by precooking the peaches so that the juice exudes.
- 11.—(a) A water solution of refined sugar (sucrose), with or without refined corn sugar (dextrose), is a suitable liquid packing medium. The water solution of such sugar or sugars used as a liquid packing medium is called sirup.
- (b) A water solution of refined corn sugar (dextrose) cannot be used alone as the liquid packing medium in the canning of peaches. The maximum amount of refined corn sugar (dextrose) heretofore used for commercial purposes, in combination with refined sugar (sucrose), in the canning of peaches is  $33\frac{1}{3}$  per cent of such combination.
- (c) Refined corn sugar (dextrose) is not as sweet as refined sugar (sucrose), being generally regarded as from 50 per cent to 75 per cent as sweet as refined sugar (sucrose). Consumers are accustomed to gauge sweetness according to that of refined sugar (sucrose).
- 12.—(a) There are four sirups of different degrees of sweetness known to consumers and used in the industry; namely, light, medium, heavy, and extra heavy. It is a customary trade and consumer practice so to distinguish them. Such sirups are measured and distinguished by their specific gravity as determined by the Brix hydrometer. The Brix hydrometer is a reliable instrument for testing specific gravity of liquid solutions and is in general use. A water solution of refined sugar (sucrose) which shows a reading of less than  $10^\circ$  on the Brix hydrometer does not sweeten the finished canned peaches sufficiently to be known as a sirup for this food.
- (b) When such sirups are prepared from refined sugar (sucrose), they have, respectively, the following readings on the Brix hydrometer: light sirup, not less than  $10^\circ$  but less than  $25^\circ$ ; medium sirup, not less than  $25^\circ$  but less than  $40^\circ$ ; heavy sirup, not less than  $40^\circ$  but less than  $55^\circ$ ; and extra heavy sirup, not less than  $55^\circ$ .

(c) When such sirups of equivalent sweetness are prepared from a mixture of refined sugar (sucrose) and refined corn sugar (dextrose), they do not have the above readings on the Brix hydrometer because of the difference in sweetness between refined corn sugar (dextrose) and refined sugar (sucrose). However, the Brix reading of a refined sugar (sucrose) solution equivalent in sweetness to the sweetness of any sirup prepared from such a mixture is obtained by adding the per cent by weight of refined sugar (sucrose) in such sirup to two-thirds of the per cent by weight of refined corn sugar (dextrose) in such sirup.

(d) The common or usual names of such sirups are light sirup, medium sirup, heavy sirup, and extra heavy sirup.

(e) The terms "sirup" and "syrup" are synonymous.

13.—The liquid of the finished canned peaches is not more than  $35^\circ$  Brix.

14.—Canned peaches may or may not contain added spice.

15.—Canned peaches may or may not contain added flavoring.

16.—(a) Canned peaches may or may not be seasoned.

(b) A vinegar is a suitable seasoning agent.

(c) Added peach kernels are a suitable seasoning agent, except in the case of whole peaches.

(d) Peach pits, added in limited amounts are a suitable seasoning agent, except in the case of whole peaches. The number of pits suitable for such purpose is limited to not more than one to each eight ounces of finished canned peaches.

(e) Such seasoning agents are used singly or in combination, except that peach pits and peach kernels are not used in combination with each other.

17.—It is essential that canned peaches be sealed in a container.

18.—It is essential to process canned peaches by heat so as to prevent spoilage.

19.—Honesty and fair dealing in the interest of the consumer require that the optional peach ingredient, the optional liquid packing medium, and the optional seasoning ingredients be declared on the label, and that, if spice or flavoring is added, this be stated on the label.

20.—The common or usual names of the several varietal groups of peaches are yellow clingstone, or yellow cling; yellow freestone, or yellow free; white clingstone or white cling; and white freestone, or white free.

21.—The common or usual name of peeled canned peaches is peaches, qualified by the name of the varietal group and form of unit, without other qualifying words, except that "slices" and "sliced" are synonymous and "dice" and "diced" are synonymous.

22.—The common or usual name of unpeeled canned peaches is peaches, qualified by the term unpeeled, by the name of the varietal group, and by the name of the form of unit.

23.—The common or usual name of water used as a liquid packing medium in canned peaches is water.

24.—The common or usual name of the natural juice of the peach used as a liquid packing medium in canned peaches is peach juice.

25.—The common or usual names of the water solutions of sugar or sugars used as liquid packing media in canned peaches are: light sirup, or light syrup; medium sirup, or medium syrup; heavy sirup, or heavy syrup; and extra heavy sirup, or extra heavy syrup.

26.—The common or usual name of a vinegar used as a seasoning is vinegar.

27.—The common or usual name of peach pit kernels used as a seasoning is peach kernels.

28.—The common or usual name of peach pits used as a seasoning is peach pits.

29.—Honesty and fair dealing in the interest of the consumer require that, when spice, flavoring, vinegar, peach pits, or peach kernels are used, the label bear the words, respectively: "Spiced" or "With Added Spice" or "Spice Added"; "With Added Flavoring" or "Flavoring Added"; "Seasoned with Vinegar"; "Seasoned with Peach Pits"; "Seasoned with Peach Kernels". If two or more of such optional ingredients are present, such words may be combined, as, for example, "With Added Spice, Flavoring, and Vinegar".

30.—Honesty and fair dealing in the interest of the consumer require that, wherever the name "peaches" appears on the label so conspicuously as to be easily seen under customary conditions of purchase, the names of the optional ingredients present shall immediately and conspicuously precede or follow such name, without intervening written, printed, or graphic matter, except that the specific varietal name of the peaches may so intervene.

#### Regulation

§ 27.000 *Canned peaches—Identity; label statement of optional ingredients.*

##### (a)

(1) Canned peaches are the food prepared from mature peaches of one of the following varietal groups: yellow clingstone; yellow freestone; white clingstone; white freestone. Such peaches, except in the case of whole peaches, are pitted and are in one of the following forms of units: peeled whole; unpeeled whole; peeled halves; unpeeled halves; peeled quarters; peeled slices; peeled dice; peeled mixed pieces of irregular sizes and shapes. Peaches of each varietal group in each form of units are an optional peach ingredient.

(2) To one such peach ingredient is added one of the following optional liquid packing media:

(A) A sirup of refined sugar (sucrose) of not less than 10° Brix but less than 25° Brix;

(B) A sirup of refined sugar (sucrose) and refined corn sugar (dextrose) having a refined sugar (sucrose) equivalent of not less than 10° Brix but less than 25° Brix (such refined sugar (sucrose) equivalent is calculated by adding the per cent by weight of refined sugar (sucrose) in such sirup to two-thirds of the per cent by weight of refined corn sugar (dextrose) in such sirup);

(C) A sirup of refined sugar (sucrose), of not less than 25° Brix but less than 40° Brix;

(D) A sirup of refined sugar (sucrose) and refined corn sugar (dextrose) having a refined sugar (sucrose) equivalent of not less than 25° Brix but less than 40° Brix (such refined sugar (sucrose) equivalent is calculated by adding the per cent by weight of refined sugar (sucrose) in such sirup to two-thirds of the per cent by weight of refined corn sugar (dextrose) in such sirup);

(E) A sirup of refined sugar (sucrose), of not less than 40° Brix but less than 55° Brix;

(F) A sirup of refined sugar (sucrose) and refined corn sugar (dextrose) having a refined sugar (sucrose) equivalent of not less than 40° Brix but less than 55° Brix (such refined sugar (sucrose) equivalent is calculated by adding the per cent by weight of refined sugar (sucrose) in such sirup to two-thirds of the per cent by weight of refined corn sugar (dextrose) in such sirup);

(G) A sirup of refined sugar (sucrose), of not less than 55° Brix;

(H) A sirup of refined sugar (sucrose) and refined corn sugar (dextrose) having a refined sugar (sucrose) equivalent

of not less than 55° Brix (such refined sugar (sucrose) equivalent is calculated by adding the per cent by weight of refined sugar (sucrose) in such sirup to two-thirds of the per cent by weight of refined corn sugar (dextrose) in such sirup);

(I) Peach juice;

(J) Water.

(3) Spice may be added.

(4) Flavoring may be added.

(5) The food may be seasoned with one or more of the following optional seasonings:

(A) A vinegar;

(B) Peach pits (except in the case of whole peaches), not more than 1 to each 8 ounces of finished canned peaches;

(C) Peach kernels (except in the case of whole peaches and except when optional seasoning (B) is present.)

(6) The food is sealed in a container and so processed by heat as to prevent spoilage.

(7) The liquid of the finished canned peaches is not more than 35° Brix.

##### (b)

(1) The label shall name the optional peach ingredient present by the use of the words "Yellow Cling" or "Yellow Clingstone", "White Cling" or "White Clingstone", "Yellow Free" or "Yellow Freestone", or "White Free" or "White Freestone" and the word or words "Whole", "Unpeeled Whole", "Halves", "Unpeeled Halves", "Quarters", "Slices", or "Sliced", "Dice" or "Diced", or "Mixed Pieces of Irregular Sizes and Shapes".

(2) The label shall also bear the words "In Light Sirup" or "In Light Syrup", showing the presence of optional liquid packing medium (A) or (B); or the words "In Medium Sirup" or "In Medium Syrup", showing the presence of optional liquid packing medium (C) or (D); or the words "In Heavy Sirup" or "In Heavy Syrup", showing the presence of optional liquid packing medium (E) or (F); or the words "In Extra Heavy Sirup" or "In Extra Heavy Syrup", showing the presence of optional liquid packing medium (G) or (H); or the words "In Peach Juice", showing the presence of optional liquid packing medium (I); or the words "In Water", showing the presence of optional liquid packing medium (J).

(3) If spice is present, the label shall bear the word or words "Spiced" or "With Added Spice" or "Spice Added".

(4) If flavoring is present, the label shall bear the words "With Added Flavoring" or "Flavoring Added".

(5) If an optional seasoning ingredient is used, the label shall bear the words "Seasoned with Vinegar", "Seasoned with Peach Pits", or "Seasoned with Peach Kernels", as the case may be.

(6) If spice and flavoring, or spice, flavoring, and an optional seasoning, or spice and an optional seasoning, or flavoring and an optional seasoning, are present, the label may bear a combination of words, as, for example, "With Added Spice, Flavoring, and Vinegar."

(7) Wherever the name "Peaches" appears on the label so conspicuously as to be easily seen under customary conditions of purchase, the words and statements herein specified, showing the optional ingredients present, shall immediately and conspicuously precede or follow such name without intervening written, printed, or graphic matter, except that the specific varietal name of the peaches may so intervene.

#### STANDARD OF FILL OF CONTAINER

##### Findings of Fact

1.—The quantity of the optional peach ingredient which can be placed in a container varies, depending upon the



method of packing and upon the shape, size, degree of maturity, and specific gravity of the units of the optional peach ingredient.

2.—With the exception of comparatively few slack filled cans, canned peaches as they appear on the market at the present time contain the maximum quantity of the optional peach ingredient which, using reasonably good factory practice, can be placed and sealed in each can and processed by heat to prevent spoilage, without crushing or breaking the peach units.

3.—The maximum quantity of the optional peach ingredient varies, depending on the size of the container, the method of packing, the form, size, firmness of units, the necessity for having sufficient liquid to insure proper processing, and other factors.

4.—The can should contain the greatest number of peach units the canner can place therein and properly seal and process.

5.—Knowing the form, shape, size, degree of maturity and comparative specific gravity of the peach units in any lot being canned, canners know the greatest amount of peach units which can be placed in a can of any given size without damage, and canners employ inspectors to insure proper filling by packers.

6.—None of the various methods which have been studied for objective measurements of fill have shown any uniform correlation between the quantity of peach units put in and the quantity of peach units cut out. Assurance to the consumer of a can full of peaches can be obtained only by a requirement as to the quantity put in the container.

7.—It is necessary and desirable in the interest of the consumer that canned peaches falling below a standard of fill of container bear on the label a simple and understandable statement of that fact. "Below Standard in Fill" is such a statement.

8.—If canned peaches fall below a standard of fill of container, it is necessary and desirable in the interest of the consumer that the label bear the statement "Below Standard in Fill", printed in Cheltenham bold condensed caps. If the quantity of the contents of the container is less than 1 pound, the statement should be in 12-point type; if such quantity is 1 pound or more, the statement should be in 14-point type. Such statement should be enclosed within lines not less than 6 points in width, forming a rectangle; but if the peaches also fall below the standard of quality for canned peaches and bear the label statement of substandard quality specified in the standard of quality for canned peaches, both statements (one following the other) may be enclosed within the same rectangle. Such statement or statements, with enclosing lines, should be on a strongly contrasting, uniform background, and should be so placed as to be easily seen when the name "Peaches" or any pictorial representation of a peach is viewed, wherever such name or representation appears so conspicuously as to be easily seen under customary conditions of purchase.

#### Regulation

§ 27.002 *Canned peaches—Fill of container; label statement of substandard fill.*

(a)

The standard of fill of container for canned peaches is the maximum quantity of the optional peach ingredient which can be sealed in the container and processed by heat to prevent spoilage, without crushing or breaking such ingredient.

(b)

If canned peaches fall below the standard of fill of container prescribed in subsection (a) of this section, the

label shall bear the general statement of substandard fill specified in section 10.020 (b), in the manner and form therein specified.

#### STANDARD OF QUALITY

##### Findings of Fact

1.—Factors which go to make up quality in canned peaches are tenderness of the peach ingredient; size of units in the case of peach halves and quarters; uniformity of size of units in the cases of whole peaches, halves, and quarters; absence of peel in all forms of the peach unit except in the case of unpeeled peaches; freedom from blemishes; the shape of the units in the cases of whole peaches, halves, quarters, and slices; freedom from crushed or broken units except in the case of mixed pieces of irregular sizes and shapes.

2.—In canned peaches, the biting or chewing characteristic of the peach is an index of the quality factor, tenderness. This factor involves the maturity of the peach and the extent to which it has been cooked.

3.—Such tenderness is measurable objectively by the following method:

So trim a test piece from the unit as to fit, with peel surface up, into a supporting receptacle. If the unit is of different firmness in different parts of its peel surface, trim the piece from the firmest part. If the piece is unpeeled, remove the peel. The top of the receptacle is circular in shape, of  $1\frac{1}{4}$  inches inside diameter, with vertical sides; or rectangular in shape,  $\frac{3}{4}$  inch by 1 inch inside measurements, with ends vertical and sides sloping downward and joining at the center at a vertical depth of  $\frac{3}{4}$  inch. Use the circular receptacle for testing units of such size that a test piece can be trimmed therefrom to fit it. Use the rectangular receptacle for testing other units. Test no unit from which a test piece with rectangular peel surface at least  $\frac{1}{2}$  inch by 1 inch cannot be trimmed. Test the piece by means of a round metal rod  $\frac{3}{32}$  inch in diameter. To the upper end of the rod is affixed a device to which weight can be added. The rod is held vertically by a support through which it can freely move upward or downward. The lower end of the rod is a plane surface to which the vertical axis of the rod is perpendicular. Adjust the combined weight of the rod and device to 100 grams. Set the receptacle so that the surface of the test piece is held horizontally. Lower the end of the rod to the approximate center of such surface, and add weight to the device at a uniform, continuous rate of 12 grams per second until the rod pierces the test piece. Weigh the rod and weighted device. Test all units in containers of 50 units or less, except those units too small for testing or too soft for trimming. Test at least 50 units, taken at random, in containers of more than 50 units; but if less than 50 units are of sufficient size and firmness for testing, test those which are of sufficient size and firmness.

4.—Forms of units of the peach ingredient too small for such testing or too soft for such trimming need not be tested for tenderness.

5.—The foregoing method outlined in Finding No. 3 is directly correlated with the consensus of consumer opinion of what constitutes tenderness in canned peaches.

6.—Size of units, as measured by the weight of the unit, is not a factor of quality in canned peaches except in the cases of halves and quarters.

7.—Canned peaches which are of standard quality have a minimum size for halves and quarters at the present time. Halves and quarters smaller than such minimum size are commonly packed as substandard peaches at the present time.

8.—Halves and quarters have a minimum size of  $\frac{3}{8}$  ounce and  $\frac{3}{16}$  ounce, respectively. These minima are less than the minima adopted by the packers of over 97 per cent of the canned peaches produced in the United States.

9.—Such weights are determinable as follows: The unit is placed on a screen and the liquid is allowed to drain therefrom for two minutes. The unit is then weighed.

10.—Uniformity of size of units is not a factor of quality in canned peaches unless the units are whole, halves, or quarters. Uniformity of size cannot be controlled under the best commercial practice in the cases of slices and dice. Discrepancies in size are not objectionable to the consumers when the units are small, such as slices or dice. Uniformity of size is obviously not a factor in the quality of the product when canned as mixed pieces of irregular sizes and shapes.

11.—Uniformity of size of units in the cases of whole, halves, or quarters is necessary in order to prevent variant numbers of units in servings of desserts and salads on the same table.

12.—Such units are of reasonable uniformity of size if the weight of the largest unit is not more than twice the weight of the smallest unit in the container. Weights of such units are determined in the same manner as weights for minimum size of units.

13.—Absence of peel is a factor of quality in canned peaches except in the case of peaches canned as unpeeled peaches.

14.—Adhering peel ordinarily can be removed completely from the peach, but some peel is occasionally left in good commercial practice. One square inch of peel per pound of net content is a reasonable maximum tolerance for peel present in the finished product.

15.—Freedom from blemishes such as scab, hail injury, discoloration, or other abnormalities is a factor of quality in canned peaches.

16.—A tolerance for blemishes is necessary because of small blemishes not apparent in hand sorting as carried out under good commercial practice. Twenty per cent blemished units is a reasonable tolerance.

17.—Normal shape of the peach unit is a factor of quality in canned peaches if the units are whole, halves, quarters, or slices.

18.—When the units are trimmed, normal shape can be preserved. It is possible for the canner to meet this quality factor by discarding all units so trimmed that their normal shape is not preserved. Consumers uniformly object to unevenly trimmed units.

19.—Except in the case of mixed pieces of irregular sizes and shapes, freedom from crushed or broken units is a factor of quality in canned peaches. A crushed unit is a unit pressed so as to destroy its normal shape. A broken unit is a unit separated into two or more parts. Units which do not have normal shape because of ripeness and which do not show any crushing are not crushed or broken units. Crushed and broken units are not deliberately packed as canned peaches which are of standard quality at the present time. The concussion resulting from the application of the lid to the can at high speeds under great pressure sometimes breaks or crushes the topmost unit of well-filled containers in good commercial practice. For this reason, a tolerance for crushed and broken units is necessary, and a tolerance of 5 per cent for containers of more than 20 units or of 1 unit for containers of less than 20 units is reasonable.

20.—A canner employing good commercial practice can meet each of the foregoing factors of quality in canned peaches without difficulty.

21.—Each factor of quality takes into consideration and makes due allowance for the differing characteristics of the several varieties of peaches. Some varieties can meet the various factors more easily than others, but all varieties can meet the foregoing factors of quality without difficulty under good commercial practice.

22.—It is reasonable and it will promote honesty and fair dealing in the interest of the consumer to have a simple and understandable statement of substandard quality placed on the label. "Below Standard in Quality", qualified by an explanation wherein the product falls below standard in quality, is such a statement. If the peaches are not tender, the qualifying statement "Not Tender" furnishes an accurate explanation of the reason the product is below standard. Likewise, the qualifying statement "Small Halves", or "Small Quarters", if under minimum size; "Mixed Sizes", if not of uniform size; "Not Well Peeled", if over the tolerance for peel; "Blemished", if over the tolerance for blemishes; "Unevenly Trimmed", if trimmed to destroy normal shape; "Partly Crushed or Broken", if over the tolerance for crushed or broken units.

23.—It is reasonable and it will promote honesty and fair dealing in the interest of the consumer to have such statement immediately and conspicuously precede or follow, without intervening written, printed, or graphic matter, the name "Peaches", together with words and statements required or authorized to appear with such name by the definition and standard of identity for canned peaches.

24.—Such label requirements for peaches of substandard quality would not be practicable under good commercial practices in instances such as where the product fell below the standard in several respects.

25.—In such event, the statement "Below Standard in Quality Good Food—Not High Grade" would be reasonable, would be informative to the consumer, and would promote honesty and fair dealing in the interest of the consumer.

26.—It is reasonable and it would promote honesty and fair dealing in the interest of the consumer to have such statement printed in two lines of Cheltenham bold condensed caps. The words "Below Standard in Quality" to constitute the first line, and the second to immediately follow. If the quantity of the contents of the container is less than 1 pound, such type of the first line should be 12-point, and of the second, 8-point. If such quantity is 1 pound or more, such type of the first line should be 14-point, and of the second, 10-point. Such statement should be enclosed within lines, not less than 6 points in width, forming a rectangle. Such statement, with enclosing lines, should be on a strongly contrasting, uniform background, and should be so placed as to be easily seen when the name "Peaches" or any pictorial representation of a peach is viewed, wherever such name or representation appears so conspicuously as to be easily seen under customary conditions of purchase.

#### Regulation

27.001 *Canned peaches—Quality; label statement of substandard quality.*

(a)

The standard of quality for canned peaches is as follows:

(1) All units tested in accordance with the method prescribed in subsection (b) are pierced by a weight of not more than 300 grams;

(2) In the cases of halves and quarters, the weight of each unit is not less than  $\frac{3}{8}$  ounce and  $\frac{3}{10}$  ounce, respectively;

(3) In the cases of whole peaches, halves, and quarters, the weight of the largest unit in the container is not more than twice the weight of the smallest unit therein;

(4) Except in the case of unpeeled peaches, there is present in the finished canned peaches not more than 1 square inch of peel per each 1 pound of net contents;

(5) Not more than 20 per cent of the units in the container are blemished with scab, hail injury, discoloration, or other abnormalities;

(6) In the cases of whole peaches, halves, quarters, and slices, all units are untrimmed, or are so trimmed as to preserve normal shape; and

(7) Except in the case of mixed pieces of irregular sizes and shapes, not more than 5 per cent of the units in a container of 20 or more units, and not more than one unit in a container of less than 20 units, is crushed or broken. (A unit which has lost its normal shape because of ripeness and which bears no mark of crushing shall not be considered to be crushed or broken.)

(b)

Canned peaches shall be tested by the following method to determine whether or not they meet the requirements of clause (1) of subsection (a):

So trim a test piece from the unit as to fit, with peel surface up, into a supporting receptacle. If the unit is of different firmness in different parts of its peel surface, trim the piece from the firmest part. If the piece is unpeeled, remove the peel. The top of the receptacle is circular in shape, of  $1\frac{1}{8}$  inches inside diameter, with vertical sides; or rectangular in shape,  $\frac{3}{4}$  inch by 1 inch inside measurements, with ends vertical and sides sloping downward and joining at the center at a vertical depth of  $\frac{3}{4}$  inch. Use the circular receptacle for testing units of such size that a test piece can be trimmed therefrom to fit it. Use the rectangular receptacle for testing other units. Test no unit from which a test piece with rectangular peel surface at least  $\frac{1}{2}$  inch by 1 inch cannot be trimmed. Test the piece by means of a round metal rod  $\frac{3}{16}$  inch in diameter. To the upper end of the rod is affixed a device to which weight can be added. The rod is held vertically by a support through which it can freely move upward or downward. The lower end of the rod is a plane surface to which the vertical axis of the rod is perpendicular. Adjust the combined weight of the rod and device to 100 grams. Set the receptacle so that the surface of the test piece is held horizontally. Lower the end of the rod to the approximate center of such surface, and add weight to the device at a uniform, continuous rate of 12 grams per second until the rod pierces the test piece. Weigh the rod and weighted device. Test all units in containers of 50 units or less, except those units too small for testing or too soft for trimming. Test at least 50 units, taken at random, in containers of more than 50 units; but if less than 50 units are of sufficient size and firmness for testing, test those which are of sufficient size and firmness.

(c)

If the quality of canned peaches falls below the standard prescribed in subsection (a) of this section, the label shall bear the general statement of substandard quality specified in section 10.020 (a), in the manner and form therein specified; but in lieu of such general statement of substandard quality, the label may bear the alternative statement "Below Standard in Quality ———", the blank to be filled in with the words specified after the corresponding number of each clause of subsection (a) of this section which such canned peaches fail to meet, as follows: (1) "Not Tender"; (2) "Small Halves", or "Small Quarters", as the case may be; (3) "Mixed Sizes"; (4) "Not Well Peeled"; (5) "Blemished"; (6) "Unevenly Trimmed"; (7) "Partly Crushed or Broken". Such alternative statement shall immediately and conspicuously precede or follow, without intervening written, printed, or graphic matter, the name "Peaches" and any words and statements required or authorized to appear with such name by section 27.000 (b).

## WAGE STATEMENT FOR EMPLOYEES

### Requirements Under Amendment to Social Security Act Explained

The attention of canners is directed to the amended requirements of the Social Security Act, effective the first of the year, concerning the giving of statements of wages paid to employees. The amendments to the Act, which were adopted by Congress last summer, specify that every employer must give to each of his employees periodic statements setting forth certain required information about the wages paid to the employee. It should be emphasized again that this requirement becomes effective on January 1, 1940. In other words, it applies with respect to all wages paid to employees after December 31, 1939.

The Act allows the employer wide discretion in determining when these statements are to be given to employees, and what periods they are to cover. Under the Act, the statements may cover a period of either one calendar quarter, two calendar quarters, three calendar quarters, or an entire year. If the giving of statements covering one or more calendar quarters is not satisfactory to the employer, he has the option of giving a separate statement each time the wages are paid to the employee.

Whatever period the employer decides to cover in his statements, the statement must be given to the employee not later than the last day of the second calendar month following the end of the period covered by the statement. If, however, the employer exercises his option of giving statements every time wages are paid, the statement must, of course, be given at the time of the wage payment. It should also be observed that if an employee leaves the service of the canner, a final statement must be furnished him on the day when the last payment of wages is made to him.

The Act specifies that certain definite information must be contained in these wage statements. In the first place, the statement must set forth the name of the canner. Second, it must also show the employee's name. In addition, it must indicate the period covered by the statement. If statements are given every time wages are paid, the statement may merely indicate the date of the wage payment, without specifying the period covered. Finally, and most important, the statement must set forth the total wages paid to the employee during the period covered by the statement, and must also disclose the amount of "Federal insurance contributions" deducted from these wages under the provisions of the Federal Social Security Act. "Federal insurance contributions" is the new name given to the taxes previously called "Federal old-age benefit taxes".

These wage statements must, under the amended provisions of the Act, be given to the employee in a form "suitable for retention by the employee". This requirement is new, as under the old Bureau of Internal Revenue Regulations statements of wages paid and Federal insurance contributions deducted from the wages could merely be stamped on the face of a paycheck. This will no longer be permissible, and it will be necessary to furnish the statement in some form that can be retained by the employee.

There are several ways in which this can be done. It is possible to have a detachable stub on the paycheck, which sets forth the required information, and which may be de-



tached and retained by the employee. The use of such stubs is permissible. The statement could be stamped on the face of the pay envelope, or it may be furnished on a separate piece of paper.

There is set forth below a specimen form of statement which contains all of the information required by the Act. The form of this statement could, of course, be modified to suit individual requirements.

<b>XYZ CANNING COMPANY</b>	
Statement of Wages Paid	
to _____	[employee's name]
period beginning _____, 1940, and ending _____, 1940.	
Total Wages Paid .....	\$300.00
Federal Insurance Contributions Deducted .....	3.00
Net Wages Paid .....	\$297.00

If statements are given every time wages are paid, the statement may read "Statement of wages paid to \_\_\_\_\_ on \_\_\_\_\_, 1940", instead of the statement given above.

The Act imposes civil penalties of not more than \$5.00 for each failure of an employer to give the required statements to his employees.

#### CONVENTION PROGRAM PROVIDES FOR DISCUSSION OF DISTRIBUTION PROBLEMS

(Continued from page 6065)

Dr. E. J. Cameron, director of the Association's Research Laboratory at Washington, who has actively participated in the work connected with the new standards and label regulations being established under the revised food and drug law, will bring to canners the latest developments on these subjects.

Carlos Campbell, director of the Association's Division of Statistics, who has prepared during the past year a number of economic studies that constitute part of the Association's general economics research program and whose address will be a further analysis of the industry's situation today, with special reference to the effect of its production and merchandising policies in recent years.

The convention program provides for three general sessions to be held on Monday morning, Monday afternoon, and Tuesday morning. Conferences will be held on raw products and on canning problems on Tuesday and Wednesday afternoons. The Red Pitted Cherry Section will meet on Tuesday afternoon, and the Meat Section on Thursday morning. The cannery waste disposal conference and the home economics conference will be held on Wednesday morning.

At the opening session of the convention on Monday morning, the speakers will be Walter L. Graefe, president of the Association; Dr. E. J. Cameron, and H. Thomas Austern. Officers for 1940 will be elected at this session. The speakers

at the second session on Monday afternoon will be Senator Walter F. George, Judge J. Harry Covington, and Dr. Neil Carothers. The closing general session on Tuesday morning will be devoted to the subject of distribution, and speakers will be Carlos Campbell, James W. Young, and Arthur C. Nielsen. After these addresses, the Association's officers for 1940 will be installed and action will be taken upon the report of the Resolutions Committee.

The conferences on canning problems will be held under the direction of the Association's Research Laboratories and the subjects for discussion include experimental program for tomato juice; sources of contamination in tomato juice; effect of calcium salts in canning tomatoes; the canning of apple juice; control of external corrosion of cans; and prevention of curd in grapefruit juice.

The conference on raw products, under the direction of the Raw Products Research Bureau, will be conducted as round-table discussions. The Tuesday conference will discuss questions and recent investigations relating to tomatoes and sweet corn. At the Wednesday conference, attention will be directed to both research progress and practical questions on pea and bean diseases, varieties in canning tests, aphid control, role of boron in beet production, and lima bean breeding and variety tests.

At the home economics conference on Wednesday morning, the general subject will be distributive education as applied to the training of grocery clerks. Mr. Kyker will be the principal speaker at this conference and will discuss the program for grocery clerk training now being carried on throughout the country by the Office of Education in cooperation with States under the George-Deen Act.

The conference on cannery waste disposal will discuss methods used in recent experiments conducted by the Research Laboratory in conjunction with State sanitary engineers. The Association's new publication on this subject will be distributed at this conference on Wednesday morning.

The Cherry Section meeting will be devoted chiefly to plans for National Cherry Week and to a discussion of cherry standards under the revised Food, Drug, and Cosmetic Act. Carlos Campbell of the Association's Division of Statistics will discuss the distribution of red pitted cherries.

The Meat Section will hold its regular annual meeting on Thursday morning. Among the subjects to be discussed are studies in processing canned meats, the new type C Army ration, detection of food poisoning bacteria, handling consumer complaints, and effect of quality on sales.

The exhibit of the Canning Machinery and Supplies Association will be held in the Machinery Hall, Grand Ball Room, and Foyer and East and West Lounges, Stevens Hotel. On Monday through Friday the exhibit will open at 9:00 a. m. It will close at 6:00 p. m., except on Friday, when the closing hour will be 2:00 p. m.

Entertainment and social affairs include: The Old Guard reception and dinner, Sunday evening; the annual dinner dance, under the auspices of the Canning Machinery and Supplies Association, Wednesday evening; theatre party at the Chicago Theatre, with the American Can Company as host, Thursday evening.

Copies of the printed program of the convention will be mailed to the canning industry in advance of the meeting.

### Sugar Marketing Quota System Restored

The sugar marketing quota system, which was suspended September 11, was restored by the President December 26, effective January 1, 1940. New 1940 quotas will be worked out on the basis of estimated consumption by the Department of Agriculture, which will allot portions of the total among different producing areas according to a formula outlined in the Sugar Act of 1937.

### More Areas Named for Food Stamp Distribution

This week the thirty-fifth area, Portland, Me., was announced by the Secretary of Agriculture as an area in which the food stamp plan of distribution of surplus products is to go into effect in a few weeks. During the past two weeks the Secretary has extended the plan to the following additional areas: Reno county, Kansas, including Hutchinson; Hall county, Texas; Richland county, South Carolina, including Columbia; Alleghany county, Pennsylvania, including Pittsburgh; Douglas county, Nebraska, including Omaha; Lancaster county, Nebraska, including Lincoln; and Los Angeles county, California, including Los Angeles. The program now is actually operating in 19 areas.

### FSCC Buys 4,500,000 Bushels of Surplus Apples

The Federal Surplus Commodities Corporation has purchased about 4,500,000 bushels of surplus apples thus far under the purchase program announced October 3. The average price paid by the Corporation for the apples was about 70 cents a bushel. Purchases were made in virtually all of the commercial producing areas.

### Report of Food and Drug Administration Issued

The annual report of the Food and Drug Administration for the past fiscal year has been issued. Of interest to the canning industry is that section of the report dealing with food-poisoning cases. The report states that the only proved cases of botulism were traced to under-processed home-canned foods, none to the commercial pack.

### Cuba Lowers Duty on Canned Salmon and Mackerel

By the terms of a supplementary trade agreement between the United States and Cuba, which went into effect on December 23, Cuba has lowered the rates of import duty on canned salmon and canned mackerel. Under the preferential treatment accorded the United States, the Cuban rates of duty on these two items now are 35 per cent and 30 per cent, respectively, less than the rates applicable to countries not accorded preferential treatment.

### Cuban Net Weight Decree Effective December 31

Unless a further postponement is made of a Cuban decree of November 16, 1938, requiring that all closed or sealed containers of foodstuffs, except glass containers where the contents are clearly visible, be marked to show the net metric weight or volume of their contents, the decree becomes effective December 31, 1939.

The decree was to become effective 180 days after its promulgation on November 24, 1938, but its effective date

was postponed to December 31, 1939, by another decree. No announcement has yet been received of a further extension of time.

### Canners League of California to Meet March 7-9

The annual meeting of the Canners League of California will be held March 7-9, 1940. The convention will start with an evening session on Thursday, March 7, and continue through Friday and Saturday, ending with a banquet on Saturday evening.

### Veterans Administration Asks Bids on Blueberries

The Veterans Administration has asked for bids on 700 cases of canned blueberries or huckleberries, six No. 10 cans to a case, to be opened January 9, 1940. Bids should be submitted to the Administration at the Arlington Bldg., Washington, D. C. Delivery is to be made to the Administration Depot at 1749 W. Pershing Road, Chicago, Ill.

### Ozark Canners Association Meets February 8-9

The annual convention of the Ozark Canners Association will be held February 8 and 9, 1940, in the Connor Hotel, Joplin, Mo.

### 1939 Pack of Green and Wax Beans

Total pack of canned green and wax beans for 1939 amounted to 8,055,843 actual cases, according to figures compiled by the Association's Division of Statistics. This figure includes 6,945,970 cases of green beans and 1,109,873 cases of wax beans.

The following table shows the pack of green and wax beans by States and can sizes:

State	24/2's	48/1's	24/2 1/2's	6/10's	Misc.	Total
GREEN BEANS	Cases	Cases	Cases	Cases	Cases	Cases
Me. and Vt.	88,503	2,764	.....	12,678	.....	103,945
New York	590,840	22,362	.....	70,218	35,848	725,268
Md. and Del.	1,568,726	3,493	97,480	217,425	.....	1,887,124
Pennsylvania	201,725	.....	6,495	35,219	3,274	246,713
Indiana	50,505	.....	530	16,713	.....	67,748
Michigan	332,192	8,444	.....	51,153	6,609	418,398
Wisconsin	628,180	20,463	3,750	57,585	23,349	733,327
Iowa and Nebr.	44,936	.....	.....	2,307	294	47,537
Ky. and Tenn.	124,356	.....	98,276	20,269	.....	242,901
Ark. and Mo.	225,858	6,344	2,718	31,785	.....	266,705
Texas	319,510	1,625	.....	21,535	.....	342,670
Colorado	181,826	9,292	.....	18,196	.....	209,314
Utah	206,335	25,262	.....	28,839	51,133	311,569
Washington	171,785	6,700	.....	27,292	7,193	212,970
Oregon	415,130	5,221	30	181,811	54,390	656,582
California	61,583	.....	.....	31,184	4,227	96,994
Other States	327,207	500	14,150	34,348	.....	376,205
Total	5,559,197	112,470	223,429	804,557	186,317	6,945,970
WAX BEANS	Cases	Cases	Cases	Cases	Cases	Cases
Me. and Vt.	110,312	955	.....	21,401	.....	135,668
New York	194,910	4,233	.....	22,510	22,846	244,499
Md. and Del.	48,594	.....	.....	4,198	769	53,561
Pennsylvania	86,259	1,031	.....	10,865	1,526	99,681
Indiana	.....	.....	.....	.....	.....	.....
Michigan	110,348	8,918	.....	12,795	3,271	135,332
Wisconsin	228,808	12,299	.....	22,521	8,755	272,473
Iowa and Nebr.	51,637	.....	.....	3,509	105	55,251
Ky. and Tenn.	550	.....	.....	.....	.....	550
Ark. and Mo.	803	.....	.....	66	.....	869
Texas	.....	.....	.....	.....	.....	.....
Colorado	45,363	2,420	.....	5,081	.....	52,864
Utah	23,306	.....	.....	1,160	1,417	25,889
Washington	85	.....	.....	.....	.....	85
Oregon	4,876	.....	.....	1,056	.....	5,932
California	.....	.....	.....	.....	.....	.....
Other States	21,051	500	.....	2,168	3,500	27,219
Total	926,992	30,356	.....	110,336	42,189	1,109,873



### Stocks and Shipments of Canned Peas

Total stocks of canned peas on December 1 amounted to 11,374,485 actual cases, compared with 17,563,473 cases on December 1, 1938, according to figures compiled by the Association's Division of Statistics. Unsold stocks and shipments during specified periods are shown in the following table:

	1938 Cases	1939 Cases
Unsold stocks, December 1.....	13,313,515	6,395,536
Shipments during November.....	1,025,050	1,458,885
Shipments, June 1 to December 1.....	12,520,091	12,378,111

In the table below are shown stocks of canned peas on December 1, 1939, with shipments during November, by regions and varieties:

	Stocks on December 1			Shipments during November
	Sold not shipped Cases	Unsold Cases	Total Cases	Cases
New York and Maine:				
Alaskas.....	21,419	63,805	85,224	7,268
Sweets.....	415,198	573,128	988,326	141,920
Middle Atlantic:				
Alaskas.....	69,680	130,355	200,035	85,731
Sweets.....	27,281	79,517	106,798	14,883
Midwest:				
Alaskas.....	891,349	1,719,519	2,610,868	429,124
Sweets.....	1,540,497	2,103,315	3,643,812	312,829
Western:				
Alaskas.....	8,976	6,195	15,171	4,172
Sweets.....	1,995,549	1,719,702	3,715,251	462,938
Total U. S.:				
Alaskas.....	991,424	1,919,874	2,911,298	526,295
Sweets.....	3,987,525	4,475,662	8,463,187	932,500

### Stocks and Shipments of Canned Tomatoes

Total stocks of canned tomatoes on December 1, 1939, excluding California, amounted to 10,793,384 actual cases, compared with 11,204,000 cases on December 1, 1938, according to figures compiled by the Association's Division of Statistics. Unsold stocks on December 1, 1939, amounted to 8,252,486 cases, compared with 9,562,000 cases unsold on December 1, 1938.

In the table below are shown, by regions, stocks of canned tomatoes on December 1, 1939, compared with stocks on December 1, 1938:

	Stocks on December 1, 1939			Stocks Dec. 1, 1938
	Sold not shipped Cases	Unsold Cases	Total Cases	Cases
Northeast.....	467,510	573,714	1,041,224	737,000
Middle Atlantic.....	673,965	3,390,535	4,064,500	4,010,000
Midwest.....	964,875	2,944,625	3,909,500	3,172,000
Tenn. and Ky.....	6,018	144,442	150,460	359,000
Ozark territory.....	45,000	885,000	930,000	1,918,000
Western.....	376,125	261,375	637,500	873,000
Southern.....	7,405	52,795	60,200	135,000
Total, excluding California.....	2,540,898	8,252,486	10,793,384	11,204,000

### Death Takes G. H. Bradt

G. H. Bradt, president of the Hunt Brothers Packing Co., of San Francisco, and for many years a prominent figure in the canning industry and trade, died on Saturday, December 23, after an extended illness. Mr. Bradt always took an active interest in trade association work and had served as a director of the National Cannery Association and on various Association committees.

### REGIONAL SET-UP REVISED

#### Wage-Hour Director Outlines Present Policy in Administration of Law

Establishment of a "direct administrative line of authority" in the Wage and Hour Division from the administrator through the regional directors to payroll inspectors, together with a reallocation of the regions covering the continental United States, was announced at a press conference, Wednesday, by Col. Philip B. Fleming, who is directing the activities of the Division. Revision in the administrative set-up of the Division, made under the direction of Colonel Fleming and reported in the INFORMATION LETTER of December 16, began on December 18, when more responsibility and greater discretionary authority were placed on the field staff.

Colonel Fleming also announced that regional directors have been given authority to act on applications for the employment of handicapped and apprentice workers and, with the agreement of the regional attorney, to settle civil actions involving less than \$50,000.

Requests for a revision of the definitions of the terms "administrative, professional, and local retailing capacity," as used in the Act to designate exempt occupations, have been received from the American Retail Federation, the National American Wholesale Grocers' Association, and from newspaper publishers. In connection with these requests, Colonel Fleming said he would see what could be worked out by redefinition, rather than by seeking an amendment to the Act.

Colonel Fleming said he would have no recommendations of any kind for amendment of the Act to make to Congress. However, he added, that if asked he would give his opinion on suggested revisions but that he did not feel free in his present "unofficial capacity" to recommend amendments to the law.

Under the reallocation of the field offices, the 17 regions into which the country had previously been divided have been reduced to 15 in number. The principal change in the regional set-up is the re-apportionment of the Western States. Under the new set-up the region with offices in Kansas City and branch offices in St. Louis and Denver, will have for its area Colorado, Iowa, Kansas, Missouri, Nebraska and Wyoming; the Dallas region with a branch office in San Antonio will include Arkansas, New Mexico, Oklahoma and Texas; while the San Francisco region with branches in Los Angeles and Seattle will control Arizona, California, Idaho, Nevada, Oregon, Utah, Washington, Alaska and Hawaii.

Colonel Fleming announced at the same time the addition to his office of Baird Snyder, former chief engineer of the Farm Security Administration, who will relieve him of part of the load of directing the activities of the Division.

The personnel of the Division in the field has been increased sharply during the past few months. The Division now has a total personnel of 1,173, of whom 701 are in the field. The field organization includes 298 inspectors, 70 attorneys, 106 payroll examiners and a clerical force of 205.

Following is an official list of the regional and branch offices of the Wage and Hour Division and their administrative personnel:

Region No. 1.—Regional office, 120 Boylston St., Boston, Mass., Thomas H. Eliot, Director.

**Region No. 2.**—Regional office, 412 Federal Building, New York City, George B. Kelly, Director. Branch office, 500 Gerrans Building, Buffalo, N. Y., Frank J. Griffin, Inspector.

**Region No. 3.**—Regional office, 1630 Widener Building, Philadelphia, Pa., Frank J. G. Dorsey, Director. Branch office, 216 Old P. O. Building, Pittsburgh, Pa., James F. Harrigan, Inspector.

**Region No. 4.**—Regional office, 215 Richmond Trust Building, Richmond, Va., W. C. Cole, Director. Branch office, 606 Snow Building, Baltimore, Md., Leo H. McCormick, Inspector.

**Region No. 5.**—Regional office, 409 Johnston Building, Charlotte, N. C., Jack P. Lang, Supervising Inspector.

**Region No. 6.**—Regional office, 314 Witt Building, Atlanta, Ga., James G. Johnson, Supervising Inspector. Branch office, 225 Post Office Building, Jacksonville, Fla., Douglas R. Melcolm, Inspector.

**Region No. 7.**—Regional office, 818 Comer Building, Birmingham, Ala., John R. Burke, Senior Inspector. Branch office, 516 Carondelet Building, New Orleans, La., Stephen R. MacRae, Inspector.

**Region No. 8.**—Regional office, Medical Arts Building, Nashville, Tenn., William M. Eaves, Supervising Inspector.

**Region No. 9.**—Regional office, 728 Standard Building, Cleveland, Ohio, W. J. Kennedy, Director. Branch offices, 358 Federal Building, Detroit, Mich., Kathleen J. Lowrie, Inspector, and 421 Keith Building, Cincinnati, Ohio, R. H. Silvius, Acting Supervising Inspector.

**Region No. 10.**—Regional office, 955 Merchandise Mart, Chicago, Ill., Thomas D. O'Malley, Director. Branch office, 108 E. Washington St., Indianapolis, Ind., Arthur C. Viat, Inspector.

**Region No. 11.**—Regional office, 406 New P. O. Building, Minneapolis, Minn., L. A. Hill, Senior Auditor.

**Region No. 12.**—Regional office, 504 Title and Trust Building, Kansas City, Mo., Winfrey G. Nathan, Inspector. Branch offices, 314 Old Custom House, St. Louis, Mo., Joel D. Mason, Inspector, and 106 Old Customs House, Denver, Colo., Russell L. Kingston, Supervising Inspector.

**Region No. 13.**—Regional office, 620 Wilson Building, Dallas, Texas, Peter Tamburo, Acting Regional Director. Branch office, 716 Maverick Building, San Antonio, Texas, Leland S. Reid, Acting Supervising Inspector.

**Region No. 16.**—Regional office, 785 Market Street, San Francisco, Calif., Wesley O. Ash, Director. Branch offices, 326 H. W. Hellman Building, Los Angeles, Calif., L. A. Peifer, Acting Supervising Inspector, and 206 Hartford Building, Seattle, Wash., John R. Dille, Acting Supervising Inspector.

**Region No. 17.**—Regional office, 1004 Kinney Building, Newark, N. J., Arthur J. White, Director.

Puerto Rico Regional office, Post Office Box 112, San Juan, Puerto Rico, Charles A. Wood, Territorial Representative.

### British Columbia's Sockeye Salmon Pack Declines

The salmon pack of British Columbia for the 1939 season, as of November 25, amounted to 1,522,032 cases, compared with 1,697,016 cases at the same time last year, and 1,529,022 cases in 1935. This year's pack of Sockeye, the most important species from a commercial standpoint, was notably under that of the two preceding years, the respective totals being 264,564, 439,698, and 350,444 cases. The pack of Pinks and Bluebacks, however, was substantially larger this year than in 1938 and 1937.

### Japan Creates Sales Monopoly of Canned Fish

A single large Japanese company has been created to control sales of marine products and to promote export trade, according to the American commercial attache at Tokyo. The new concern, known as Suisan Kanzume Hambai K. K. (Canned Marine Products Sales Co.), was formally estab-

lished September 28, with an authorized capital of 5,000,000 yen, one-third of which will be paid-up. It is understood that the company resulted from a merger of the Canned Sardine Joint Sales Co., the Canned Shellfish Joint Sales Co., the Canned Tuna Sales Co., and several other minor concerns.

The new firm reportedly will take charge of all sales of canned marine products to exporters, including the military, with the exception of salmon and crab, and will, by this action, exercise control over prices and distribution.

### Italian Production of Canned Tomatoes Drops

This season's output by Italian canneries of canned peeled tomatoes and tomato sauce is less than half, about 40 per cent, of last year's production because of the short tomato crop, according to the American consulate general at Naples. The canneries finished tomato products by the end of October and are now putting up jam and fruits preserved in syrup.

### Effect of Crop-Fertilizer Treatment on Quality of Canned Product

Samples of canned peas, green beans, tomatoes, and beets, which had been grown on plats subjected to various fertilizer and other treatments in the New York Agricultural Experiment Station's canning crops research program this past season, were cut and tested at Geneva recently.

The effects of the addition to fertilizers of so-called "minor elements," such as boron, magnesium, manganese, or sulfur, on the quality and flavor of canned beets and peas; the merits of mosaic-resistant strains of green beans for canning; and the effects of various soil treatments on the firmness and color of canned tomatoes and the treatment of tomatoes with calcium during the canning operation to maintain firmness in the canned product, were some of the things observed in the demonstration.

### CONTENTS

	PAGE
Convention program provides for discussion of distribution problems	6065
Peach standards promulgated	6065
Wage statement for employees	6070
Sugar marketing quota system restored	6072
More areas named for food stamp distribution	6072
FSCC buys 4,500,000 bushels of surplus apples	6072
Report of Food and Drug Administration issued	6072
Cuba lowers duty on canned salmon and mackerel	6072
Cuban net weight decree effective December 31	6072
Canners League of California to meet March 7-9	6072
Veterans Administration asks bids on blueberries	6072
Ozark Canners Association meets February 8-9	6072
1939 pack of green and wax beans	6072
Stocks and shipments of canned peas	6073
Stocks and shipments of canned tomatoes	6073
Death takes G. H. Bradt	6073
Regional set-up revised	6073
British Columbia's Sockeye salmon pack declines	6074
Japan creates sales monopoly of canned fish	6074
Italian production of canned tomatoes drops	6074
Effect of crop-fertilizer treatment on quality of canned product	6074

# Index

## Information Letters Nos. 682-726

### A

Administrative Council meetings...	5436, 5481, 5533, 5613, 5633
Advertising, canned foods, Santa Fe Railway.....	5696
Advertising, cherry canners.....	5698
Africa, South, crawfish exports.....	5569
Agricultural Adjustment Act of 1938, provisions. 5460, 5467	
Agricultural Adjustment Administration:	
Diversification programs—	
Dates .....	5616
Figs .....	5595
Prunes .....	5628
Farm programs .....	5467, 5471, 5488, 5599, 5682, 5685, 5694
Marketing quotas .....	5461, 5590, 5595
Research laboratories, agricultural.....	5598, 5702
Sugar supplies, invisible, summary.....	5621
Vegetables, commercial—	
Acreage allotments .....	5682, 5685, 5694
Definition .....	5685, 5694
Wages, sugar beet labor .....	5497
See also Federal Surplus Commodities Corp.:	
Marketing agreements.....	
Agriculture Department:	
Administrative hearings, requirements.....	5513
Fabricated foods, data requested.....	5703
Reorganization .....	5640
Agricultural Economics Bureau:	
Personnel changes .....	5582, 5609
Transportation Division .....	5576
See also Standards.....	
Agricultural Income Inquiry, report.....	5692
Alaska:	
Canned food supplies.....	5611
Fisheries—	
Japanese-American agreement .....	5491
Output, 1937 .....	5580
Regulations, revised .....	5456
Report, annual .....	5451, 5710
Salmon pack .....	5484, 5606, 5627
Salmon preservation .....	5458
Salmon survey .....	5575
American Marketing Association meeting.....	5520
Apple butter, Federal specifications.....	5551
Argentina:	
Copper sulphate in canned foods.....	5683
Pear industry .....	5476
Asparagus beetle control.....	5519
Association of Dairy, Food and Drug Officials, conference .....	5636, 5655
Association of New York State Canners:	
Convention .....	5653, 5660
Street, John P., secretary, death.....	5632
Taylor, L. A., appointment as secretary.....	5696
Association of Pacific Fisheries convention. 5628, 5653, 5660	
Australia:	
Fruit—	
Exports .....	5544, 5570, 5583, 5653, 5662, 5702
Pack, canned and dried.....	5455, 5538
Prices .....	5451
Grapefruit industry .....	5496

### B

Bean beetle, Mexican.....	5554, 5654
Bean seed, bacterial blight.....	5508
Beans, green:	
Idaho Refugee and U. S. No. 5, adaptation for canning .....	5522
Inspection service, Maine.....	5589
Beans, lima:	
Breeding and variety trials.....	5519, 5643
Seed treatment .....	5508
Beef cattle, marketings.....	5461, 5604, 5659
Beets:	
Processes .....	5636
Production, boron deficiency effects.....	5638
Belgium, canned cherry imports.....	5590
Blanch, Dr. F. C., address, freezing industry.....	5524
Board of Directors meetings.....	5436, 5481, 5533
Boston Conference on Distribution.....	5611
British Columbia:	
Pithead meal and oil production.....	5653
Salmon pack .....	5654, 5698
Bulgaria, canning industry.....	5528

### C

Cabbage:	
Root maggot control.....	5554
Yellow-resistant, tests .....	5519
California:	
Freeze damage, fruits and vegetables.....	5676, 5689
Fruit, canned, supply and distribution.....	5564
Can sizes. See Containers.	

Canada:	
Can sizes .....	5476
Fruit pack, 1937.....	5445
Lobster, canned, prices.....	5670
Sales, food chain stores.....	5696
Tariff reductions, effect.....	5708
Tomato juice exports to United Kingdom.....	5588
Trade agreement, reciprocal.....	5673
Vegetable pack, 1937.....	5445
Canners League of California meeting.....	5449, 5454, 5553, 5572
Canners' schools .....	5449, 5454, 5553, 5572
Cannon, H. L., director Federal Reserve Bank of Philadelphia .....	5695
Carothers, Dr. Neil, address.....	5431
Census Bureau:	
Advisory committees .....	5645
Farm population movement.....	5558
Manufactures census, 1937, schedules.....	5450
Poultry, canned, 1937 value.....	5683
Tin plate production.....	5630
Cherries:	
McNary-Mapes regulations, modifications sought....	5451
National Week .....	5450
Pack, red pitted, 1938.....	5608
Sales promotion planned.....	5698
Standards, B. A. E.....	5620, 5636
Chile, market for U. S. foods, analysis.....	5695
Chosen, sardine production.....	5493
Citrus fruits, sales promotion recommendations.....	5684
Cold storage plants, community.....	5680
Cold storage warehouse capacity.....	5570
Commerce Department:	
American industries, stories of, published.....	5616
Canning industry broadcast.....	5481
Trade association questionnaire.....	5629
Consumer complaint service:	
Association rules .....	5453
Defense of claim.....	5693
Consumer cooperatives, factors favoring.....	5687
Consumer education, changing attitude toward.....	5687
Consumer interest in merchandising.....	5520
Consumer relations program for retailers.....	5522
Containers:	
Cans, silver lined.....	5488
Glass, production .....	5710
Simplification—	
Cans .....	5483, 5489, 5535, 5555, 5598
Fiber boxes .....	5483, 5557
Wooden boxes .....	5626
Convention, N.C.A., 1938 and 1939.....	5435, 5549
Corn:	
Bacterial wilt .....	5512, 5680
Borer, infested areas.....	5585, 5653
Borer survey .....	5482
Breeding and variety testing.....	5642
Ear worm infestation .....	5654
Hybrid sweet, publication.....	5512
Illinois, cost of growing .....	5600
Marketing quotas .....	5580, 5595
Pack, 1938 .....	5663, 5682
Corn sugar, 1937 production.....	5600
Credit survey, national retail.....	5662
Crop prospects:	
Canning—	
Asparagus .....	5443, 5480
Beans, lima .....	5530, 5575, 5582, 5592, 5603, 5619, 5642, 5676
Beans, snap .....	5504, 5566, 5571, 5574, 5582, 5591, 5603, 5605, 5619, 5666, 5677
Beets .....	5511, 5575, 5583, 5592, 5603, 5643
Cabbage .....	5511, 5575, 5583, 5592, 5605, 5619, 5643
Corn, sweet .....	5504, 5565, 5571, 5574, 5582, 5591, 5603, 5605, 5619, 5666
Cucumbers .....	5511, 5575, 5583, 5592, 5603
Outlook, 1939 .....	5665
Peas .....	5479, 5531, 5546, 5560, 5569, 5571, 5573, 5574, 5582, 5607
Pimientos .....	5566, 5592, 5619, 5642
Spinach .....	5443, 5480
Tomatoes .....	5480, 5511, 5566, 5572, 5573, 5574, 5582, 5591, 5603, 5605, 5619, 5642, 5667
Fruit .....	5515, 5528, 5543, 5544, 5564, 5573, 5582, 5602, 5620, 5645, 5668
Truck—	
Artichokes .....	5621
Asparagus .....	5565
Beans, dry .....	5576, 5621
Beans, lima .....	5565
Beans, snap .....	5565, 5676
Beets .....	5565
Cabbage .....	5486, 5565, 5621
Carrots .....	5565
Cauliflower .....	5621



# Crop prospects: Truck—Continued

Celery	5486, 5621
Corn	5565
Lettuce	5486, 5621
Peas	5488, 5565
Peppers, green	5565
Spinach	5565
Strawberries	5458
Summaries of prospects	5507, 5621, 5656, 5698
Tomatoes	5458, 5565, 5676

# Crop reports, B.A.E. schedule

Cuba:	5452
Exports—	
Avocados	5653
Grapefruit	5683
Pineapple	5499
Vegetables	5464, 5656
Imports—	
Milk, canned	5676
Peas	5638
Pineapple pack, 1938	5624
Pineapple, quick frozen	5656
Soup, duty modification	5704
Tomatoes, canned, production	5644
Trade agreement, reciprocal	5687, 5704
Vegetable prospects	5645, 5682
Cucumbers for pickles, production	5682
Curly top in Pacific Northwest, survey	5696
Customs regulations, definition American fisheries	5696
Czechoslovakian imports condensed milk	5694

# D

Distribution, Boston conference	5611
Distributive education, use of N.C.A. bulletins	5641
Dominican Republic, canned food labeling requirement	5625, 5635
Dulany, Ralph O., Maryland University certificate of merit	5649

# E

Ecuador, naranjilla juice, U. S. market	5684
Employment and payroll indexes	5444, 5484, 5509, 5516
Export and import practice, manual	5523
Export trade, canned food, analysis	5457
Exports and imports, canned foods	5492, 5494, 5517, 5547, 5568, 5584, 5607, 5631, 5658, 5688, 5709

# F

Fair Labor Standards Act:	
Application to canning industry, N.C.A. bulletin	5655
Area of production, definitions—	
Dry beans	5678, 5704
Fruits and vegetables	5681, 5685, 5693, 5704
Exemption, 14-week, application of	5695
Interpretative bulletins	5639, 5647, 5699, 5694
Regulations	5647, 5693, 5704
Handicapped persons	5661
Learners	5667, 5678
Minors	5661, 5667, 5678
See also Legislation: Wage and Hour Administration	
Farm commodities, demand and price situation	5691
Farm income, report	5470
Federal Surplus Commodities Corporation, buying programs	5569, 5578, 5585
Apples	5553, 5659
Beans, dry	5578
Beans, snap	5653
Blackberries, canned	5632
Butter	5611, 5616, 5628, 5632, 5641, 5680
Cabbage	5510
Carrots	5653
Cauliflower	5632
Celery	5632, 5680
Citrus fruit	5656
Cotton and cotton fabric	5623
Effects reviewed	5529
Grapefruit	5546, 5563, 5587
Grapefruit, canned	5546, 5622, 5632, 5680
Milk, dry skim	5509, 5558, 5588, 5612, 5615, 5632
Milk, fluid	5632, 5680
Oranges	5632, 5680, 5698
Peaches	5632
Peaches, dried	5602, 5628, 5632, 5680
Pears	5610, 5632, 5680
Pears, canned	5431, 5444, 5459, 5481, 5487, 5510
Potatoes, sweet	5680
Potatoes, white	5632
Prunes	5622, 5632
Prunes, dried	5505, 5506
Raisins	5593
Rice	5653
Syrup	5653
Tomatoes, canned	5585, 5591, 5600, 5622
Vegetables	5680

# Federal Trade Commission:

Agricultural income report	5692
Complaints issued—	
Atlantic Commission Company	5472
Calcium Chloride Association	5595
Chlorine manufacturers	5449
Corn Products Refining Company	5655
Curtice Brothers Co.	5518
Food Dish Associates of America	5554
Lead Pencil Association, Inc.	5662
Merck & Co., Inc.	5498
Miami Wholesale Drug Corp.	5504
Miller Growers' Association	5614
Mississippi Sales Company	5595
National Biscuit Company	5635
Sauer Company, C. F.	5672
Standard Container Manufacturers Assn.	5484
Steel Office Furniture Institute	5449
Tidewater Office Equipment Dealers' Assn.	5449
Tile manufacturers	5610
U. S. Maltsters Assn.	5609
Veneer container trade associations	5609
Decisions and orders—	
Atlantic & Pacific Tea Co.	5442
Biddle Purchasing Co.	5521, 5650
California rice industry	5495
Daniel Brokerage Company	5655
Oliver Brothers, Inc.	5432
Report, annual	5692
Trade practice rules—	
Dress manufacturing industry	5432
Toilet brush manufacturing industry	5432
Tomato paste manufacturing industry	5488, 5507, 5514, 5525, 5561, 5613
Fertilizer application, methods	5596

# Fish:

Food value	5469
Output, 1937	5589
Fisheries Bureau:	
Crab meat industry, domestic, study and survey	5588
Fish and eggs, production and distribution	5588
Fish ladders and screens, P. W. A. project	5588
Pilchard catch	5615
Publications	5449, 5451, 5486, 5609, 5656, 5710
Seafood marketing study	5663

# Florida:

Citrus, canned, shipments	5434, 5464, 5583
Citrus fruits, marketing agreement	5456, 5695
Citrus industry, pamphlet issued	5544
Embossing and labeling law	5534, 5668
Fluorine, tolerance in fruits	5677
Food and Drug Administration, personnel changes	5699
Food conference, University of Tennessee	5611
Food, Drug, and Cosmetic Act:	
Dyes, certification requirement	5645
Labels, buying of	5681
Regulations—	
Administrative, general	5579, 5625, 5650, 5703
Hearing, Association statement	5673, 5681
Recommendations, Association	5681, 5692
Standards committee, food	5597, 5640
See also Legislation	

Food Technology Conference, Mass. Institute of Technology	5498
Food technology course, Mass. Institute of Technology	5542
France:	
Marketing requirements	5486
Tomato imports, quota	5638, 5690
Freight loss and damage prevention	5488
Freight movement, forecasts	5432, 5496, 5570, 5638
Freight rates	5471, 5621, 5663
Frozen foods:	
Discussion, Dr. F. C. Blanck	5524
Industry survey	5528
Introduction in London	5589
Louisiana	5452

# G

Georgia, certified tomato plant regulations	5596
Government purchases:	
Army	5461
Veterans Bureau	5470, 5484, 5543, 5546, 5552, 5563, 5569, 5578, 5583, 5638, 5664, 5695
See also Federal Surplus Commodities Corp.	
Greece, commercial agreement	5687
Grocery atlas, wholesale	5524

# H

Haiti, canned pineapple and grapefruit exports	5434
Hawaii:	
Pineapple industry	5656
Sugarcane price agreement	5651
Hogs, slaughter and marketing	5463, 5659
Home Economics Division:	
Activities	5443, 5450, 5455, 5464, 5483, 5496, 5505, 5511, 5514, 5515, 5516, 5522, 5531, 5570, 5572, 5577, 5590, 5611, 5615, 5623, 5636, 5642, 5645, 5653, 5657, 5664, 5667, 5679, 5683, 5687, 5699, 5705

Home Economics Division—Continued	
Service kitchen .....	5546, 5583, 5614, 5635, 5664, 5695
Home economics in business, address, Edward L. Bernays .....	5592
Home management problems .....	5628

## I

Imports. See Exports and Imports.	
Indiana Canners Association convention .....	5653, 5660
Industrial Relations Committee, reports .....	5457
Information Letter, editorial policy .....	5627
Insect pest situation .....	5532, 5585, 5628
Interstate Commerce Commission, jurisdiction trucking employees' hours .....	5667
Iowa-Nebraska Canners Association convention .....	5660
Italy, canning activity, Naples .....	5601, 5622, 5653, 5684

## J

Japan:	
Canned food output, 1937 .....	5557
Exports, canned fish—	
Crab .....	5433, 5470, 5529, 5553, 5594, 5615
Mackerel .....	5434, 5569, 5615
Salmon .....	5434, 5450, 5583, 5608, 5612, 5615
Sardines .....	5433, 5468, 5512, 5553, 5594
Tuna .....	5434, 5484, 5529, 5569, 5606, 5433
Japanese-Mexican Fishery Company .....	5506
Market problems .....	5434
North Kurile Fishery Control Co. ....	5560
Pineapple, canned, market .....	5612, 5660
Pineapple industry, Taiwan .....	5615
Salmon canning, Kamchatka Coast .....	5506
Salmon fishery companies merger .....	See also Alaska.
Johnson, Mrs. Martin, article on canned foods .....	5542
Joint Preparatory Committee on Philippine Affairs, report .....	5686

## L

Label supplies pending new regulations .....		5681, 5685
Labeling:		
Descriptive—		
Advancement .....	5505	
English editor's interest .....	5608	
Grocers' attitude .....	5532	
Peas, terms .....	5551, 5603	
Tomatoes, terms .....	5535, 5557	
Publication, Woman's Home Companion .....	5432	
Vegetables, legislation proposed .....	5456	
Labor legislation, National conference on .....	5677	
Labor relations recommendations, Business Advisory Council .....	5457	
Labor survey, cannery, Women's Bureau .....	5545	
Laboratory, bacteriological field .....	5548, 5591, 5606	
Lead, tolerance in fruits .....	5625	
Legislation:		
Agricultural Adjustment Act of 1938 .....	5446, 5447, 5453, 5454, 5460, 5485, 5491, 5497, 5550, 5459	
Anti-lynching .....	5431, 5446, 5453, 5459	
Appropriations .....	5466, 5478, 5485, 5489, 5491, 5497, 5527, 5534, 5550, 5453, 5450, 5466, 5481, 5551, 5431	
Crop loans .....	5431, 5446, 5447, 5454, 5459, 5466, 5478, 5485, 5497, 5501, 5509, 5513, 5521, 5527, 5533, 5545, 5549, 5559, 5567	
Federal Trade Commission Act amendment .....	5431, 5446, 5447, 5453, 5465, 5478, 5482, 5485, 5530, 5440, 5526, 5539	
Fisheries .....	5432, 5446, 5447, 5459, 5466, 5478, 5482, 5485, 5501, 5510, 5545, 5549, 5555, 5559, 5567	
Food and drugs .....	5446	
Housing .....	5432, 5459, 5466	
Licensing, corporations, Federal .....	5447, 5459, 5491, 5527	
Long and short haul .....	5432	
Marketing Agreements Act amendment .....	5453, 5454, 5485, 5497	
Monopoly study .....	5521, 5524, 5555, 5559, 5567	
Naval construction .....	5485	
Perishable Agricultural Commodities Act amendment .....	5555, 5559	
Reconstruction Finance Corporation Act amendment .....	5489, 5497	
Reorganization .....	5478, 5482, 5485, 5489	
Resale Price Maintenance Act repeal .....	5446	
Robinson-Patman Act amendment .....	5534, 5559	
Seeds .....	5491	
Statistical information .....	5455, 5559	
Summary of main 1938 acts .....	5559	
Tariff, administrative provisions .....	5478, 5485, 5491, 5454, 5478, 5485, 5491, 5498, 5526, 5527, 5550	
Taxes .....	5498, 5526, 5527, 5550	
Trade-marks .....	5494, 5559	
Train length .....	5466, 5491	
Walsh-Henley Act amendment .....	5534, 5549, 5556, 5559	
Water pollution .....	5548, 5550, 5559, 5567	
Legume inoculation, circular .....	5508	
Libraries, questionnaire response .....	5472, 5485, 5486, 5495, 5522, 5552, 5557, 5563	
Louisiana, frosted foods industry .....	5482	

## M

Maline, blueberry output .....	5694
Malaya:	
Can size standardization .....	5490, 5554
Pineapple, canned—	
Exports .....	5594, 5664, 5696
Production control .....	5524
Standards and labels .....	5570
Sardine imports .....	5684
Management Congress, Seventh International .....	5628
Marketing agreements:	
Bees, honey .....	5616
Celery .....	5522, 5652
Citrus .....	5456, 5622, 5656, 5685
Deciduous fruit .....	5507
Grapes .....	5510
Hops .....	5598
Milk .....	5595
Peaches .....	5448, 5510, 5610, 5687
Pears .....	5606, 5622, 5641
Potatoes, Irish .....	5522, 5544, 5551, 5589, 5612
Prunes .....	5585
Markets and marketing, research sources .....	5569
Maryland, Ten-Ton Tomato Club contest .....	5710
Mayer, Karl Kuner, address .....	5528
Meat Section meeting .....	5448
Membership, N. C. A., additions .....	5434, 5464, 5558, 5616
Mexico:	
Exports, vegetable .....	5464, 5702
Tariff reduction, canned vegetables .....	5606
Tax on net value of imports .....	5554
Michigan, bean grading regulations .....	5659
Minnesota lost leader law, constitutionality .....	5525

## N

National Association of Retail Grocers, vocational training .....	5683
National Brand Week .....	5450
National Canners Association activities, 1938 .....	5538
National Cherry Week .....	5444, 5450
National Conference of Vegetable Growers .....	5651
National Conference on Labor Legislation .....	5635
National Fish Week .....	5615, 5632
National Foreign Trade Week .....	5508
National Parcel Post Month .....	5643
National Peach Week .....	5450
National Retail Grocers' Week .....	5614, 5632
National Safety Council and Exposition, Silver Jubilee .....	5612
Netherlands:	
Canning industry .....	5519
Grapefruit, canned, consumption .....	5710
Meat products, pure food regulations .....	5662
Netherlands East Indies, fish canning .....	5470
New Jersey asparagus industry .....	5507
New Jersey Experiment Station, vegetable growers meeting .....	5592
New York:	
Brands, official .....	5514
Marketing laws, amendment .....	5514
Pease Act, repeal .....	5454, 5508
Racketeering, truckmen .....	5552
Vegetable varieties, field tests .....	5644
New Zealand, citrus monopoly .....	5594
Northern Neck tomato field day .....	5592
Northwest Canners Association convention .....	5653, 5690
Norway, canned fish industry .....	5696

## O

Ohio Canners Association convention .....	5660
Oysters, canned, inspection regulations .....	5433
Ozark Canners Association convention .....	5708

## P

Pack statistics:	
Asparagus .....	5635
Beans, green and wax .....	5433, 5698
Beans, lima .....	5689
Beets .....	5449
Blueberries .....	5694
Cherries .....	5608
Corn .....	5603, 5682
Cranberry sauce .....	5546
Fish products, 1937 .....	5589
Fruit, N. C. A. bulletin .....	5532
Peas .....	5610, 5636, 5657
Spinach .....	5445
Pea Labeling Committee meeting .....	5693
Peach mosaic, control .....	5488
Peas:	
Aphid control .....	5512, 5641
Aphid survey .....	5532
Grading, specific gravity test .....	5657
Labeling terms .....	5551
Merchandising 1938 pack, problem of .....	5587
Pack, 1938 .....	5610, 5636, 5657
Seed treatment .....	5598
Weevil, biology of .....	5596

Peas—Continued		
Weevil control.....	5472, 5553,	5596
<i>See also</i> Crop prospects; Stocks; Stocks and shipments.		
Pennsylvania:		
Bakery law.....	5619,	5697
Canning crop inspection and grading.....		5370
Pennsylvania Cannery Association meetings.....	5482,	
	5653,	5660
Perishable Agricultural Commodities Act, regulations..		5468
Peru, canned vegetable imports.....		5641
Philippines:		
Cannery construction.....		5614
Imports—		
Fish, canned.....	5516, 5604, 5630,	5696
Milk, evaporated.....		5683
Label regulations, fish.....		5694
Sardine stocks.....		5516
Trade relations with United States, committee report		5686
Pilchards, catch.....		5645
Poland:		
Cucumber exports, canned.....		5608
Prunes, American, import quota.....		5657
Portugal, canned sardine industry.....	5593,	5696
Poultry, canned, 1937 value.....		5683
Prices:		
Retail.....	5484, 5544, 5601,	5683
Wholesale.....	5500, 5516, 5544, 5601,	5683
Public Health Association meeting.....		5664
Public relations, series of articles.....		5705
Publications, N. C. A.....	5488, 5512, 5514, 5532,	
	5636, 5641, 5642, 5655, 5695, 5699,	5705

## R

Raspberries, new varieties.....	5451,	5664
Restaurant operators meeting.....		5699
Robinson-Patman Act:		
Complaints.....	5472, 5498, 5504, 5518,	
	5595, 5610, 5655,	5672
Decisions and orders.....	5442, 5521, 5650,	5655
<i>See also</i> Federal Trade Commission.		

## S

Sales:		
Department store.....	5450, 5472, 5511,	
	5594, 5621, 5677,	5702
Grocery chains.....	5486, 5516, 5560,	
	5585, 5604, 5621,	5659
Rural.....	5496, 5511, 5544, 5560,	
	5641, 5652, 5660, 5683,	5689
Variety store.....		5484, 5511, 5599
Wholesale.....	5460, 5496, 5524, 5553, 5588,	5698
Salmon, transplantation.....		5463
<i>See also</i> Alaska; Japan; Stocks.		
Sardines, canned, specifications.....		5532
<i>See also</i> Japan.		
Setser, Keith, death.....		5611
Shrimp:		
Canned, inspection regulations.....	5433,	5556
Crystals in canned shrimp.....		5699
Supply, Gulf of Mexico.....		5553
Simplification, containers. <i>See</i> Containers.		
Social Security Act:		
Agricultural labor, test case.....		5581
Association committee.....		5586
Child labor.....		5581
Old-age benefits.....	5500, 5510, 5548,	5566
Unemployment compensation.....	5485, 5536,	5559
Squash borer, control.....		5570
Standards:		
Bureau of Agricultural Economics—		
Asparagus.....		5449
Cherries, sweet.....		5626, 5636
Preserves, fruit.....		5452
Tomatoes and tomato products, canned.....		5697
Tomatoes for canning.....		5705
Food and Drug Administration—		
Fabricated foods.....		5703
Fill of container.....		5509
Stocks:		
Beans, green and wax, canned.....		5659
Canned foods, quarterly.....	5445, 5530, 5587,	5671
Cold storage—		
Fishery products.....	5484, 5529, 5575,	
	5600, 5622, 5626,	5672
Fruit.....	5446, 5456, 5478, 5487, 5506, 5532,	
	5577, 5594, 5620, 5643, 5677,	5699
Vegetables.....	5446, 5456, 5478, 5506, 5532,	
	5577, 5594, 5620, 5643, 5677,	5699
Cucumber pickles.....		5487
Fruit, canned.....		5487
Salmon, canned.....	5448, 5482, 5576,	
	5630, 5640, 5672,	5699
Sugar.....		5621
Stocks and shipments:		
Beans, dry.....		5583, 5628
Beans, lima.....		5689
Cherries.....	5568, 5578, 5645, 5651,	5705
Corn.....	5512, 5565, 5577, 5600, 5679, 5682,	5697

Stocks and shipments—Continued	
Peas.....	5543, 5572, 5637, 5679, 5705
Tomatoes.....	5578, 5600, 5705
Stockyard rate case, Supreme Court decision.....	5513
Storage temperatures, canned foods.....	5479
Street, John P., death.....	5632
Sweden, grapefruit demand.....	5548

## T

Taiwan pineapple industry.....	5612,	5600
Tax, business privilege, D. C.....		5559, 5579
Temperature and rainfall records.....	5586, 5590, 5595,	5599
Tenderometer, licensee named.....		5453
Tin plate:		
Price change.....		5677
Production, 1937.....		5630
Tomato juice:		
Mold count.....	5550,	5582
Vitamin C content.....		5591
Tomato plants:		
Certification regulations, Georgia.....		5596
Production conditions, southern.....		5552
Tests, comparative.....		5408
Tomatoes:		
Breeding, research studies.....		5629
Diseases, studies and investigations.....	5614,	5629
Fruitworm control.....		5508
Seeding direct.....		5644
Trade agreements, reciprocal:		
Conference with canners.....		5437
Cuba, supplemental.....	5687,	5704
Czechoslovakia.....		5477
Ecuador.....	5591,	5630
Greece.....		5687
Nicaragua.....		5464
Tariff concession on canned foods.....		5455
United Kingdom and Canada.....		5678
Venezuela.....		5573
Trade publication, Bureau Foreign and Domestic Commerce.....		5524
Transportation of farm products, studies.....		5576

## U

United Kingdom:	
Canned food production.....	5519
Consumer education, development.....	5598
Frost damage, England.....	5542
Fruit, canned, imports.....	5519, 5553, 5588, 5611,
	5632
Grapefruit, canned, imports.....	
Market outlook, U. S. food products.....	5519, 5552,
Tomato and tomato juice imports.....	5570, 5588, 5612,
	5630
Tomato products, copper tolerance.....	5581, 5591,
	5681
Trade agreement, reciprocal.....	
Utah Cannery Association convention.....	5448

## V

Vegetable field tests.....	5644
Vegetable prices.....	5518

## W

Wage and Hour Administration:	
Complaint forms issued.....	5607
Compliance certificates.....	5686
Employment records.....	5634, 5693
Outline of work, Andrews' statement.....	5616, 5634,
	5661
Regional set-up.....	5581, 5597, 5613, 5610,
Staff appointments.....	5619, 5601, 5664,
	5679
State labor officials, conferences with.....	5581, 5620,
	5677
<i>See also</i> Fair Labor Standards Act.	
Wage and Hour Law Committee:	
Conference with Wage and Hour Division staff.....	5639
Meeting.....	5685
Wage and hour legislation, State.....	5581
Wages:	
Evaporated and condensed milk industry.....	5652
Sugar beet labor.....	5497,
	5654
Wagner Act, constitutionality.....	5490
Walsh-Healey Act, wage determinations.....	5433, 5447,
	5652
Waste disposal, cannery:	
Canners-Army cooperate.....	5710
Notice issued.....	5527
River and Harbor Act.....	5465
Weather:	
Frost and freeze damage—	
California.....	5676, 5689
Europe.....	5511
Florida.....	5446
Texas.....	5676, 5689
Temperature and rainfall records.....	5586, 5590, 5595,
	5599
Wheat, storage facilities survey.....	5558
White, Harry A., Home Economics Committee chairman.....	5476
Wholesale trade survey.....	5588
Wisconsin Canned Pea Week.....	5619, 5626
Wisconsin Cannery Association convention.....	5653, 5660
Wright, Clifford L., death.....	5590



# Index

## Information Letters Nos. 727-772

### A

Administrative Council meetings.....	5716, 5854, 5975, 5995
Agricultural Adjustment Act, constitutionality.....	5822
Agricultural Adjustment Administration:	
Marketing quotas, corn.....	5982
Taxes, processing and floor stocks, refund.....	5993
Vegetables, commercial—	
Acreage allotments.....	5743
Definition.....	5743
Agricultural Advisory Committee.....	5983
Agricultural Economics Bureau:	
Containers for fruits and vegetables, bulletin.....	5843
Crop reporting schedule.....	5800
Interstate trade barriers, study.....	5704
Standards—	
Beans, frozen lima.....	5992
Fruits and vegetables, canned.....	5896
Pears for canning.....	5896
Pears, frozen.....	5775
Agricultural Marketing Agreement Act, 1937, constitutionality.....	5871
Agricultural Marketing Service:	
Activities.....	5907
Grading regulations, canned fruits and vegetables.....	5963
Agriculture Department:	
Agricultural Marketing Service, organization.....	5907
Grading and certification regulations, canned fruits and vegetables.....	5963
Personnel changes.....	5734
Regional research laboratories.....	5892
See also Food, Drug and Cosmetic Act; Federal Surplus Commodities Corporation; Food-stamp plan.	
Alaska. See Fisheries Bureau; Pack statistics, salmon.	
Algeria, pure food regulations.....	5748
American Can Co., canned foods reference manual.....	5908
American Dietetic Association convention.....	5880
American Home Economics Association meeting.....	5894
American Weekly, article on canning.....	5839
Apricots, standards and definitions.....	5759, 5815, 5925, 6001, 6021
Arkansas:	
Food and Drug Act.....	5790
Wage and hour bill.....	5776
Asparagus canning, New Jersey, increase.....	5880
Association of Pacific Fisheries.....	5737, 5977, 6006
Associated Grocery Brokers of San Francisco, contract enforcement resolution.....	5802
Australia:	
Apricot pack.....	5831, 5938
Fruit, canned—	
Exports.....	5748, 5982, 6032, 6044
Stocks and prospects.....	5816
Fruit juice canning, government investigation.....	5792
Peach pack.....	5894, 5938
Pear pack.....	5938
Salmon, canned, production.....	6044

### B

Baxter, James P., death.....	6000
Bean bacterial wilt.....	5846
Beans, frozen lima, grade standards.....	5992
Belgium, canned fruit import duty.....	5894
Better Business Bureaus, consumer relations conference.....	5863
Bielow, Dr. W. D., death.....	5757, 5760, 5858, 6052
Blueberries:	
Culture, Massachusetts.....	5846
Quality study, Maine.....	5887
Board of Directors meetings.....	5716, 5793, 5841, 5847
Bradt, G. H., death.....	6073
British Columbia, salmon pack.....	6074
Broadcasts, Parade of Progress.....	5775
Bulgaria, surplus grapes.....	6016
Business reporting service, Commerce Department.....	6059
Byrd expedition.....	5910

### C

Cabbage, yellows resistant varieties.....	5839
California:	
Fish pack.....	5756, 6055
Fruit and vegetable pack.....	5730
Growers' lien bill.....	5798, 5868
California Rice Exporters Association.....	6048
Cameron, Dr. E. J., named Research Laboratory director.....	5782, 5854
Can sizes. See Containers.	
Canada:	
Apples, government to purchase.....	6015
Excise tax, imports, canceled.....	5866
Foreign exchange control.....	5984
Meat and canned foods act amendments.....	5879
Salmon, overseas demand.....	6038
Trade agreement, reciprocal.....	6059
Canned foods reference manual, American Can Co.....	5908
Canned Salmon Week.....	5736
Canners Directory, 1939.....	5932
Canners League of California.....	5737, 5788, 6072
Canners' schools, dates announced.....	5725
Canners technicians' school, Purdue University.....	5864
Castle, Richard, death.....	5905

### Census:

Business, 1940.....	6005
Canning, 1937.....	5712
Manufactures, 1940.....	6036
Chamber of Commerce, U. S., meeting.....	5815
Chase, Elmer E., death.....	5736, 5857
Cheese, standards and definitions.....	5955
Cherries, standards and definitions.....	5762, 5818, 5925, 6007, 6021
Children's Bureau, employment of minors. See Fair Labor Standards Act.	
Childs, Frederick B., death.....	5916
Clapp, Harold H., death.....	5901
Cold storage facilities, community.....	5727
Commerce Department:	
Business reporting service.....	6059
Distribution cost accounting, studies.....	5887
Industrial market data handbook.....	5970
Committees, 1939, N. C. A.....	5729, 5753
Congress, special session.....	5977, 5983
See also Legislation.	
Connecticut Food, Drug and Cosmetic Act.....	5905
Consumer and business relations conference.....	5863
Consumer buying, product evaluation methods.....	5726
Consumers complaint service:	
Defense of claims.....	5753
Rules governing, revision.....	5880, 6058
Consumer education.....	5929, 5966, 6004
Consumer relation, Better Business Bureau conference.....	5863
Containers:	
Federal laws, digest published.....	5843
Shipping cases, Association recommendations.....	5751
Simplification—	
Can sizes.....	5788, 5895, 5923
Glass sizes.....	5894
Standardization, National Conference weights and measures.....	5872
Contracts, war clause.....	5889
Convention, N.C.A., 1939 and 1940.....	5711, 5715, 5769, 6045, 6065

Cook books:	
Porter and Latzke.....	5969
Rombauer.....	5860
Corn borer:	
New York situation.....	5831, 5952
Survey.....	6061
Corn, sweet:	
Bacterial wilt, experiment forecast.....	5870
Hybrid tests.....	5831, 5846, 5994
Inbreds, release and sale policy.....	5776
Trial results, Indiana.....	5830
Cover, Edwin G., death.....	5714
Cream, standards and definitions.....	5996
Crop prospects:	
Canning—	
Beans, dry.....	5937
Beans, lima.....	5845, 5906, 5929, 5943, 5957, 5981, 5999, 6016
Beans, snap.....	5807, 5890, 5907, 5929, 5942, 5955, 5981
Beets.....	5825, 5906, 5929, 5943, 5957, 5999, 6016
Cabbage.....	5829, 5929, 5943, 5957, 5981, 5999, 6016
Corn.....	5804, 5805, 5907, 5929, 5942, 5956, 5981, 5999
Cucumbers.....	5829, 5929, 5943, 5957, 6048
Pears.....	5767, 5777, 5845, 5863, 5884, 5890, 5906, 5930
Pimientos.....	5857, 5980, 5999, 6016
Reporting schedule.....	5800
Spinach.....	5768
Tomatoes.....	5823, 5825, 5887, 5890, 5907, 5928, 5942, 5956, 5981, 5999, 6016
Fruit.....	5891
Truck—	
Beans, dry.....	5937
Beans, lima.....	5863
Beans, snap.....	5863
Pears.....	5863
Summaries.....	5755, 6005, 6021, 6063
Tomatoes.....	5823, 5863

Cuba:	
Foodstuffs, price restrictions.....	5748, 5968
Grapefruit crop prospects.....	5869
Milk, condensed, price regulation.....	5748
Net weight decree.....	5866, 6072
Pineapple production.....	5822
Salmon and mackerel, canned, duty lowered.....	6072

### D

Dameron, Kenneth, discussion of consumer movement..	5929
Damping-off, bulletin.....	5714
Diabetic foods, canners of.....	6009
Dickson, Dr. E. C., death.....	5963, 6052

### E

Economic research program:	
Carothers, Neil, named director.....	5744
Committee report.....	5744
Editorial comment, Journal of Commerce.....	5712
Eggs, standards and definitions.....	5843
Egypt, food import inspection.....	5894

Employment and payroll indexes...	5746, 5753, 5800, 5840, 5907, 5937, 5970, 6038,	6063
Employment Security Bureau established...		5933
Export trade, U. S.:		
Canned and dried foods...		5755
Farm products, effect of war...		6037
Fruit, canned, analysis...		6033
Fruit juices...		5869
Neutrality Act restrictions...		6039
Philippine Islands...		5869
Value, increase in...		6049
Exports and imports, canned foods...	5729, 5854, 5799, 5828, 5865, 5897, 5927, 5965, 5998, 6022, 6049,	6051

## F

Fair Labor Standards Act:		
Age certificates...	5868, 5922,	5953
Area of production definition—		
Court test...	5889, 5895, 5899,	6056
Hearings on definition...	5723, 5769,	5793
Interpretation...	5841, 5859,	5900
Puerto Rican tobacco, modification...		5752
Revision announced...		5817
Seed trade, modification sought...		5773
Canning industry, application to, summary...		5883
Child labor provisions...	5724, 5824, 5844, 5868, 5922, 5954, 6009, 6045,	6056
Cold storage of apples, application to...		6002, 6036
Enforcement...		5744, 5752
Exemption, 14-week, application of...		5859, 5922
Farmers' cooperatives, application to...		5813
Fisheries, application to...		5837
Handicapped labor, regulations amended...		5736, 5955
Interpretative bulletins...	5789, 5818, 5853, 5887,	
5859, 5953, 6019,		6054
Learners, regulations revised...		5861
Lumber industry...		5862
Minors. See Child labor provisions.		
Motor carriers' employees...		5789
Nut industry hours exemption denied...		6062
Puerto Rican sugar industry...		5862
Record regulations amended...		5825
Requirements, wage and hour, effective Oct. 24, 1939...		6017
Textile industry, minimum wage...		5982
Union contracts, hours exceptions...		5745
Federal Surplus Commodities Corporation:		
Buying programs—		
Apples...	6004,	6072
Butter...	5861,	5908
Fishery products...		5883
Grapefruit...		5798
Pears...		6004
Personnel...	5725, 5734	
Surplus foods, list...		5999, 6052
See also Food-stamp plan.		
Federal Trade Commission:		
Complaints issued—		
Barrett Company...		5820
Book Paper Manufacturers Association...		5820
Chilean Nitrate Sales Corp...		5820
Cigarette manufacturers...	6009,	6020
Compressed Air Institute...		6054
Consumers' Bureau of Standards...	5751,	5905
Corn products producers...		5878
Cosmetic and toilet preparation companies...	5843,	5868
Dog food canner...		6004
Fish wholesalers and brokers, California...		5783
Herron Co., Charles V...		6009
Lime producers...	5932,	
Michigan Bean Shippers Association...		6035
Modern Marketing Service, Inc...	5842,	6062
Tomato paste manufacturer...		6004
Tuna-fish packing company...		6004
Wholesale grocers, Baltimore...		5765
Cost-accounting methods, study...		6009
Decisions and orders—		
Atlantic and Pacific Tea Co...		5996
Florida Sponge Packers Association...		5752
Lead Pencil Association...		5964
Odman Corporation...		5775
Quality Bakers of America...		5836
Reeves Parvin & Co...		5819
Simmons Company...		5964
Sponge Institute...		5752
Standard Brands, Inc...		5892
Tri-State Brokerage Co...		5819
Resale price maintenance, investigation...		5836
Rice Export Association...		6048
Stipulations—		
Foster Canning Company, Inc...		5922
Hudgins Fish Company...		5932
Trade practice conferences—		
Olive, ripe, canning industry...		5900
Sardine and tuna packing industries...		5895
Trade practice rules, wine industry...		5783
Fertilizers:		
Quality of canned product, effect on...		6074
Vegetable crops, leaflet issued...		5832
Fisheries Bureau:		
Alaska fisheries regulations, 1939...		5747
Alaska fisheries research laboratory...		5935
Fishery products, output and value...		5970
Publications...	5736, 5748, 5821,	5839
Sardine and pilchard spawning grounds, survey...		5869
Florida Canners Association...		5737, 6006
Florida Citrus Fruit Marketing Control Act, constitutionality...		5836, 6008

Food and Drug Administration, annual report...	6072
Food, Drug, and Cosmetic Act:	
Enforcement problems...	6049
Food standards committee meetings...	5922, 5908
Hearings, procedure...	5722, 5919
Labeling requirements—	
Effective date, postponement...	5793, 5794, 5801,
5817, 5833, 5883, 5889, 5898, 5939	
Exemptions from ingredients statement...	5731, 5735, 5770
Sauces, label declaration...	5900, 5921
Soups, content statement...	6002, 6008
Labels—	
Revision...	5737, 5749, 5778, 5785, 5793, 5817, 5859
Stocks, disposition of...	5785, 5793, 6033, 6057
Regulations—	
Coal-tar colors...	5843, 5880, 5955, 6058
General...	
Import and export...	5918, 6035
Seizure provisions, hearing on enforcement...	5802
Standards and definitions—	
Apricots...	5759, 5818, 5925, 6001, 6021
Cheese...	
Cherries...	5702, 5818, 5925, 6007, 6021
Cream...	
Eggs...	5843
Milk, canned...	5790
Peaches...	5758, 5818, 5925, 5967, 5987, 6065
Pears...	5790, 5818, 5925, 5984, 6021
Peas...	5763, 5818, 5849, 5928, 6039, 6050
Preserves, jellies and fruit butters...	5939, 5992,
5999,	6050
Sugar distinctions, N. C. A. briefs...	
Tomatoes...	5722, 5741, 5749, 5795, 5808, 5909, 5933
Vegetables...	5777, 5824, 5848, 5859,
5909, 5945, 5953, 5968	
Sugar regulations—	
Beet and cane...	
Dextrose...	5770, 5802, 5931, 5954
See also Legislation	
Food guarantee, text and analysis...	5785, 5867, 5881
Food research, future activities...	
Food-stamp plan...	5769, 5818, 5835, 5878, 5923,
5932, 5943, 5994, 5999, 6005,	
6035, 6043, 6046, 6052, 6059, 6072	
Food standards committee meetings...	5922, 6008
Foreign marks of origin regulations, summary published	5952
Foreign and Domestic Commerce Bureau:	
District offices...	5992
Foreign tariffs and trade regulations, weekly summary	6016
Foreign trade. See Export trade; Exports and imports;	
War.	
France:	
Food regulations, Algeria...	5748
Grapefruit imports...	5741
Import duties, beans, lentils and peas, suspended...	6046
Import restrictions...	5766, 5967, 6054
Labeling requirements, juices...	5740
Purchasing office, New York...	6053
Francis, Robert E., death...	6036
Freight loss and damage:	
Claims paid by railroads, circular...	6005
Prevention...	5790, 5816
Freight movement, forecasts...	5827, 5905, 6004
Frozen foods industry, farmers' cooperatives...	5738
Fruit, canned, world production and trade...	5896, 5964
Fruit juices, popularity abroad...	5869

## G

Geiger, Dr. J. C...	6052
Germany, food control...	6045
Gorrell, Frank E., address, Del Monte and San Francisco	6049
Government purchases:	
Veterans Bureau...	5726, 5747, 5756, 5768, 5791,
5869, 5870, 5892, 5896, 5920,	
5930, 5944, 5962, 6009, 6036, 6060,	6072
War Department...	5725, 5829, 5846,
5900, 5930, 5932, 5963,	6016
See also Federal Surplus Commodities Corporation.	

## H

Hawaiian Islands:	
Fishery resources, study...	5881
Pineapple shipments...	6038
Home Economics Division:	
Activities...	5713, 5714, 5733, 5736, 5738, 5746,
5755, 5771, 5783, 5792, 5820, 5831,	
5851, 5868, 5870, 5888, 5898, 5928,	
5933, 5937, 5943, 5950, 6043, 6048, 6060	
Service kitchen...	5733, 5776, 5815, 5842, 5868,
5869, 5879, 5924, 5952, 6019, 6043	
Home economists, service to advertising, award...	5905
<i>Guarantee, food</i>	5786
Illinois Canners Association...	5768
Imports. See Exports and imports.	
Indiana Canners Association...	5737, 5775, 5977, 6006
Indiana Food, Drug and Cosmetic Act...	5770
Industrial market survey, handbook...	5820
Insect pests:	
Aphid, green citrus...	5866
Aphid, pea...	5831
Corn borer...	5831, 5952, 6061
Fruit moth, oriental...	5831
Mexican bean beetle...	5866
Mexican fruitfly...	5816
Nematodes, relation to tomatoes...	5887

Insect pests—Continued	
Squash borer	5982
Weevil, pea	5866
Interstate Commerce Commission:	
Freight rates, study and investigation	5932
Private motor carrier regulations	5746, 5774, 5777, 5789, 5861, 5952
Interstate trade barriers. <i>See</i> Trade barriers.	
Iowa-Nebraska Cannery Association	5737, 5977, 6000
Isham, Dr. Paul, death	5903
Italy:	
Statistics, publication suspended	6054
Tin cans, old, salvage	6060
Tomatoes, canned, production	6074

## J

Japan:	
Canned food production	6038
Export trade, 1938, summary	5884
Fish, canned, sales monopoly	6074
Salmon exports	5728, 5938
Salmon, red, pack	6038
Sardine exports	5728, 5775
Statistics, canned foods, publication suspended	6054

## L

Labeling, descriptive:	
Grocers approval	5904
Printers' ink comment	6062
Labels and labeling. <i>See</i> Food, Drug, and Cosmetic Act.	
Labor legislation, national conference	5982, 6045
Legislation:	
Administrative law bill, Logan	5893, 5940
Agricultural labor, definition	5712, 5745, 5751, 5766, 5940
Appropriations	5724, 5732, 5742, 5745, 5751, 5765, 5771, 5784, 5788, 5795, 5821, 5860, 5872, 5883, 5892, 5898, 5931, 5939, 5744, 5940
Can sizes	5712
Chain stores	5712
Child labor	5752
Cooperative marketing, agricultural products	5724
Crop insurance	5712, 5745
Fair Labor Standards Act, amendment	5732, 5745, 5752, 5769, 5773, 5784, 5785, 5793, 5794, 5801, 5821, 5823, 5833, 5841, 5847, 5867, 5871, 5892, 5898, 5909, 5921, 5931, 5940
Farm, general	5742, 5751, 5765
Fisheries	5711, 5724, 5742, 5771, 5784, 5794, 5801, 5844, 5860, 5872, 5940
Fishery products, purchase and relief distribution	5883, 5898, 5901, 5883
Filers, civilian, training	5867
Flood control	5802, 5862, 5887, 5905
Food and drug, State	5794
Food, Drug, and Cosmetic Act, amendment	5801, 5817, 5833, 5853, 5889, 5898, 5939
Freight rates	5711, 5751
Interstate Commerce Act, amendment	5742
Labor practices	5788
Licensing, corporation	5712
Licensing, motor vehicle drivers	5732
Marketing Agreements Act, amendment	5711, 5724, 5745, 5765, 5801, 5821, 5841, 5860, 5867, 5872, 5931, 5939, 5940
Marketing services for farm commodities	5893
Monetary authority, extension	5892
Monetary committee, congressional	5772
National defense, Army	5751, 5765
National Housing Act, amendment	5872
National Labor Relations Act, amendment	5724, 5788
Neutrality	5872, 5933, 5995, 6001, 6007, 6018, 6021, 6033
Old-age pensions	5867
Philippine trade	5867
Prison produced goods	5788
Public Contracts Act, amendment	5724
Railroad rates	5732
Reconstruction Finance Corporation	5724, 5801
Relief	5883
Reorganization of executive departments	5765, 5788, 5842, 5860, 5867, 5872
Retail price maintenance, District of Columbia	5732, 5883
Revenue	5883, 5892
Revenue Act of 1936, amendment	5732
Seed trade	5742, 5836, 5872, 5892, 5940
Social security	5724, 5742, 5751, 5791, 5860, 5872, 5877, 5901, 5931, 5939
Soil Conservation Act payments	5732
Standardization, containers	5794
Statistics, coordination in collection	5732
Tariff classification	5724
Taxation, reciprocal, governmental salaries	5732
Taxes, District of Columbia	5872, 5883, 5892, 5901, 5939
Taxes, foreign imports	5712
Tennessee Valley Authority	5883
Trade agreements, reciprocal	5712
Transportation	5724
Wage and hour, State	5731, 5824
Walsh-Healey Act, amendment	5724, 5784, 5883, 5940
War materials, strategic	5712, 5742, 5745, 5765, 5872
Water pollution	5771, 5836, 5842, 5901, 5940

## M

Maine Cannery Association	6037
Malaya, canned pineapple exports	5714, 5866, 6046
Mapes, Carl C., death	6063

Market data, industrial, handbook	5970
Marketing agreements:	
Citrus	5733, 5999
Deciduous tree fruits	5736
Peaches	5730, 5862, 5925, 5955
Pears	5748, 5816, 5844, 5923
Tomatoes	5783, 5837, 5870
Maryland canning crops conference, reports	5832
Massachusetts Institute of Technology:	
Food conference	5816, 5862
Food technology course	5923
May, Earl Chapin, article on baby foods	6048
Meat slaughter forecast, cattle and hogs	5746
Membership List, N. C. A.	6062
Membership, N. C. A., additions	5712, 5803, 5930, 6006, 6047

Meyer, Dr. Karl F.	6052
Michigan Cannery Association	5737, 5815, 5843, 6006
Milk, canned, standards and definitions	5790
Milk, evaporated and condensed, stocks	6056
Minnesota Cannery Association	5737, 6016
Missouri:	
Dating bill	5770, 5790
Wage and hour bill	5776
Mitchell, Frederick O'Neill, death	5737
Motor carrier regulations. <i>See</i> Interstate Commerce Commission.	

## N

National Association of Marketing Officials meeting	5798
National Association of Retail Grocers convention	5904
National Baby Week	5816
National Canned Salmon Week	6059
National Cherry Week	5725, 6054
National Conference on Labor Legislation	5982, 6045
National Food Brokers Association officers	5726
National Foreign Trade Week	5730, 5798
National Labor Relations Board, rules and regulations	5885
National Safety Congress and Exposition	5982
Netherlands:	
Canning industry census	6016
Fruit juice market, analysis	6046
Tomato surplus, soup production	6006
Neutrality Act, analysis	6039
<i>See also</i> Legislation.	
Nevada Food, Drug and Cosmetic Act	5802
New Jersey, asparagus utilization	5880
New York:	
Agriculture and markets law amendment	5862
Consumers' Bureau, proposed	5782, 5997
Food and drug law amendment	5887
Food inspectors, training school	5771
Health law amendment	5774
Mark of origin legislation vetoed	5868
Public Service Law amendment	5878
Unfair sales legislation vetoed	5879
New York Dietetic Association meeting	5845
New York State Cannery Association	5737, 5977, 6006
North Carolina:	
Food, Drug and Cosmetic Act	5802
Marketing program proposal	5776
Northwest Cannery Association	6037
Nova Scotia, canning industry	5792

## O

Outlook report, truck and canning crops	6038, 6043
Ozark Cannery Association	5792, 6072

## P

Pack program, factors in	5749, 6049
Pack statistics:	
Asparagus	6032
Beans, green and wax	6072
Beets	5739
Cherry, red pitted	5993
Corn	6019
Fish products and byproducts	5756, 5970
Fruits, California	5739
Grapefruit	6055
Mackerel	6055
Peas	5969
Pumpkin and squash	5727
Salmon	5844, 5936, 5944, 5955, 5964, 6038, 6074
Shrimp	5938
Spinach	5734
Tomato juice	5713
Tuna	6055
Vegetables, California	5730
Palestine, citrus fruit exports	5829, 6046
Parade of Progress, food industry broadcast	5770, 5783
Peaches:	
Fruit moth, oriental, control	5831
Mosaic control	5832
Standards and definitions	5758, 5818, 5925, 5967, 5987, 6065
Pears, standards and definitions	5760, 5818, 5925, 5984, 6021
Peary expedition, canned foods exhibit	5869
Peas:	
Acreage adjustment	5767, 5777
Aphid control	5831
Canned—	
Marketing 1938 pack	5902
Merchandising campaign	5770
Prospects, 1939	5777
Frozen, U. S. grade standards	5775
Pack, 1939	5969
Production, factors affecting	5924



Peas—Continued	
Standards and definitions.....	5763, 5818, 5849, 5928, 6039, 6050
Variety trials, results.....	5831
Weevil control.....	5899
<i>See also</i> Crop prospects; Stocks; Stocks and shipments.	
Pennsylvania Cannery Association.....	5737, 5993, 6006
Pennsylvania, canning crops inspection.....	5746
Perfect shipping month.....	5790, 5810
Philippine imports:	
Fish, canned.....	5816, 5869, 6009, 6044
Milk, canned.....	5869
Portugal, sardine industry.....	6006, 6054, 6060
Preserves, jellies and fruit butters, standards and definitions.....	5939, 5992, 5999, 6050
Prices, wholesale and retail, indexes.....	5746, 5809, 5821, 5849, 5864, 5887, 5907, 5919, 5937, 5960, 5979, 6038, 6050, 6063
Public relations program, material for.....	5735, 5768
Publications, N. C. A.:	
General.....	5735, 5768, 5932, 6046
Home Economics.....	5783, 5864, 5888, 5933
Laboratory.....	5792, 5841
Raw Products Research.....	5736
Statistics.....	5803, 5892

## R

Raymond, Frank H., death.....	6036
Ritter, Sr., Wm. H., death.....	6063
Robinson-Patman Act:	
Complaints.....	5783, 5820, 5842, 5848, 5868, 5878, 6009, 6020, 6062
Cost-accounting study, Federal Trade Commission.....	6009
Decisions and orders.....	5819, 5830, 5892, 5904, 5996
Rotenone-bearing roots, imports.....	5768, 5994
Rural families, use of canned foods.....	5888

## S

Salad dressing and related products, 1938 production..		5933
Sales:		
Department store ...	5775, 5845, 5944, 6016, 6048, 6062	
Manufacturers'.....	5869, 5870	
Retail, 1938 total.....	5723, 5845	
Rural.....	5730	
Wholesale.....	5736, 5869, 5870, 6053	
Sales promotion, grocery products.....		
Salmon, canned:		
Cutting demonstration.....	5767	
Marketing report.....	5827	
National week.....	6059	
Price, England.....	6059	
<i>See also</i> Australia; British Columbia; Fisheries Bureau; Japan; Pack statistics; Stocks.		
Santa Fe Railway, canned foods booklet.....	5725	
Scripps Institution of Oceanography.....	5869	
Section officers, 1939, N. C. A.....	5733, 5746, 5770	
Shrimp:		
Inspection regulations revised.....	5888	
Maine catch.....	5845	
Social Security Act:		
Amendments analyzed.....	5975	
Harvesting crews, ruling.....	5731	
Old-age benefit taxes.....	5995	
Seasonal workers.....	5766	
Wage statements to employees.....	6070	
<i>See also</i> Legislation.		
South Carolina, age certificates for minors.....	5922	
Spinach, new varieties.....	6037	
Squash borer control.....	5982	
<i>Standards. See</i> Agricultural Economics Bureau; Food, Drug, and Cosmetic Act.		
Starter solutions, transplantings, experiments... 5831, 5994		
Stocks:		
Beans, dry.....	5937	
Beans, green and wax.....	6032	
Canned foods, quarterly.....	5736, 5838, 5936, 6036	
Cold storage—		
Fishery products.....	5730	
Fruits and vegetables... 5725, 5741, 5771, 5803, 5864, 5866, 5910, 5952, 5982, 6020, 6047, 6064		
Manufacturers and wholesale grocers, cost value... 5870, 5908, 5993, 6015, 6043, 6060		
Milk, evaporated and condensed.....	6056	
Pickles.....	6048	
Salmon, canned.....	5727, 5739, 5774, 5804, 5839, 5879, 5908, 5993, 6015, 6043, 6060	
Tomato juice.....	5726, 5755, 5783, 5829, 5898, 5966	
Tomatoes, canned.....	6046	
Stocks and shipments:		
Beans, green and wax.....	5808, 5920	
Beans, lima.....	5747, 5750, 5830, 5920, 6064	
Beets.....	5739, 5821, 5910	
Cherries.....	5739, 5771, 5803, 5885, 6015, 6047, 6064	
Corn.....	5740, 5750, 5774, 5806, 5846, 5885, 5907, 5935, 5962, 6032, 6047, 6064	
Peas.....	5739, 5750, 5767, 5775, 5820, 5858, 5891, 5896, 5908, 6000, 6020, 6055, 6073	
Tomatoes.....	5741, 5750, 5774, 5820, 5858, 5863, 5886, 5919, 6073	
Straits Settlements, pineapple industry.....	5726, 5776	
Sugar:		
Bacteriological examination, sampling instructions.. 5932		
Imports.....	5734, 5756, 5760, 5840, 5886, 5919, 5943, 5968, 6014, 6034, 6058	
Marketing quotas.....	5977, 6072	
<i>See also</i> Food, Drug, and Cosmetic Act.		

Swell allowances:	
Canners' records.....	5753, 5921, 5940
Claims, questionnaire.....	5997

## T

Tax, business privilege, District of Columbia.....		5872
<i>See also</i> Legislation.		
Temperature and rainfall records...	5885, 5891, 5896, 5920, 5937, 5943, 5966	
Tennessee-Kentucky Cannery Association.....	5727, 5748, 6059	
Texas, grapefruit quarantine regulations.....	5816	
Tidewater Cannery Association.....	5782	
Tin plate, price.....	6059	
Tomatoes:		
Crop, utilization of.....	5823	
Festival, Jacksonville.....	5803	
Root-knot nematode, bulletin.....	5887	
Spraying results, lime-free copper.....	5898	
Standards and definitions.....	5722, 5741, 5749, 5795, 5808, 5909, 5933	
Starter solution, experiments.....	5831, 5994	
Juice pack.....	5713	
Varieties, wilt-resistant.....	5888	
Variety tests.....	5822	
<i>See also</i> Stocks; Stocks and shipments.		
Trade agreements, reciprocal:		
Argentina.....	5954, 5977	
Belgium.....	5954	
Canada.....	6059	
Chile.....	6002	
Czechoslovakia.....	5790	
Turkey.....	5798	
Uruguay.....	6017	
Venezuela.....	6043, 6054	
Trade barriers, interstate:		
Agricultural Economics Bureau study.....	5764, 5772	
Bibliography of literature published.....	5831	
Interdepartmental Committee formed.....	6050	
National Conference, Council of State Governments	5765	
Trade restrictions, foreign. <i>See</i> War.		
Tri-State Packers' Association.....	5737, 5977, 6006, 6037	
Turkey, canning industry.....	5730	

## U

United Kingdom:	
Army diet.....	5995
Canned food consumption, survey.....	5869
Origin mark, canned foods.....	5938
Food control, war.....	5983, 6045, 6053
Food supplies, emergency.....	5964
Frozen foods industry.....	5838
Fruit, canned, imports... 5713, 5753, 5839, 5908, 5938	
Imports, firms handling.....	6037
Purchasing office, New York.....	6053
Salmon imports and prices.....	5938, 6059
Tomato juice imports and consumption.....	5713, 5768
Trade restrictions, war... 5967, 5975, 5999, 6002, 6016, 6020, 6045, 6054	
<i>See also</i> Canada.	
Utah Cannery Association.....	5738

## V

Vegetable Seed Institute, organization.....		5800
Vegetables:		
Acreage allotments, A. A. A.....	5743	
Market situation, 1939.....	5792	
Standards and definitions.. 5777, 5824, 5848, 5859, 5909, 5945, 5953, 5968		
Yield tests, leaflet issued.....	5783	
<i>See also</i> Crop prospects; Pack statistics; Stocks; Stocks and shipments.		
Venezuela, metric measures law.....	5994	
Virginia Cannery Association.....	5736	

## W

Wage and Hour Division:	
Andrews, Elmer F., resignation.....	6017
Procedure revised.....	6061
Regional set-up.....	5909, 6073
Staff appointments.....	5837, 5887
Wage laws and orders, State.	
Wages. <i>See</i> Fair Labor Standards Act; Walsh-Healey Act.	
Walsh-Healey Act, wage determinations:	
Fertilizer industry.....	5968, 6044
Paper industry.....	6061
Steel industry.....	6008
Sugar beet labor.....	5791
War:	
Canned food sales, effect on.....	5978
Contract clause study.....	5889
Farm exports, effect on.....	6057
Food control, foreign.....	5983, 6045, 6053
Problems arising from, memorandum.....	6002
Trade restrictions.....	5967, 5975, 5984, 5999, 6002, 6016, 6020, 6045
<i>See also</i> Canada; France; United Kingdom.	
West Virginia Agricultural Products Act.....	5802
White, Harry A., death.....	5832, 5858
Wildner, H. K., Western Laboratory appointee.....	5980
Wisconsin:	
Cannery licensing law amendment.....	5743, 5836
Loss-leader law.....	5879
Sauerkraut sales drive.....	5771
Unemployment Reserves and Compensation Act amendment.....	5905
Wisconsin Cannery Association.....	5737, 5977, 6006

